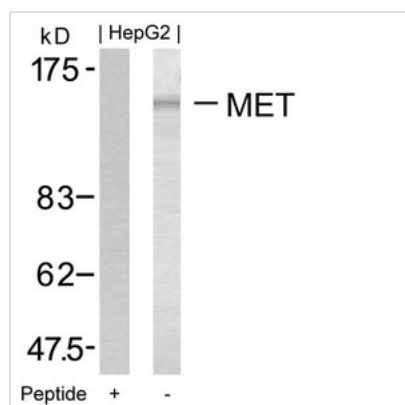




# IRS1 (Ab-1349) Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA047827                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Uniprot No.</b>         | P35568                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>           | Peptide sequence around aa.1347~1351 (E-H-Y-V-H) derived from Human Met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>         | The antibody detects endogenous level of total Met protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tested Applications</b> | ELISA,WB;WB:1:500-1:1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Relevance</b>           | <p>Receptor for hepatocyte growth factor and scatter factor. Has a tyrosine-protein kinase activity. Functions in cell proliferation, scattering, morphogenesis and survival.</p> <p>Fan S, et al. (2001) Mol Cell Biol; 21(15): 4968-4984<br/>           Schiering N, et al. (2003) Proc Natl Acad Sci U S A; 100(22): 12654-12659<br/>           Plopper GE, et al. (1995) Mol Biol Cell; 6(10): 1349-1365<br/>           Ponzetto C, et al. (1993) Mol Cell Biol; 13(8): 4600-4608<br/>           Jackson PA, et al. (2001) Plant Physiol; 127(3): 1065-1076</p> |
| <b>Form</b>                | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purification Method</b> | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Alias</b>               | HGF receptor; HGF-SF receptor; Met proto-oncogene tyrosine kinase; c-met; kinase Met                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Product Type</b>        | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Names</b>        | IRS1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Image



Western blot analysis of extracts from HepG2 cells using Met(Ab-1349) Antibody and the same antibody preincubated with blocking peptide.

