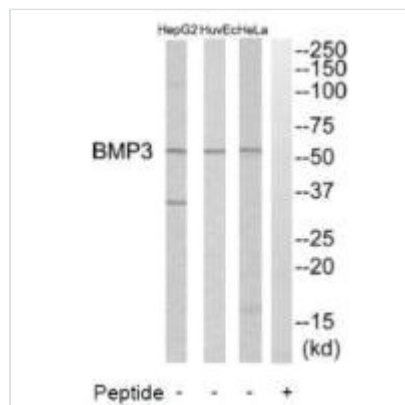




# BMP3 Antibody

|                            |                                                                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA105888                                                                                                                                                                                                                                                                              |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                             |
| <b>Uniprot No.</b>         | P12645                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>           | Synthesized peptide derived from internal of Human BMP3.                                                                                                                                                                                                                                  |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                    |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>         | The antibody detects endogenous levels of total BMP3 protein.                                                                                                                                                                                                                             |
| <b>Tested Applications</b> | ELISA, WB; WB: 1:500-1:3000                                                                                                                                                                                                                                                               |
| <b>Relevance</b>           | Negatively regulates bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification.<br><br>Wozney J.M., Science 242:1528-1534(1988).<br>Hillier L.W., Nature 434:724-731(2005).<br>Daluiski A., Nat. Genet. 27:84-88(2001). |
| <b>Form</b>                | Rabbit IgG 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> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                     |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                |
| <b>Alias</b>               | Bone morphogenetic protein 3; BMP-3; Osteogenin; BMP-3A; Bone morphogenetic protein 3A                                                                                                                                                                                                    |
| <b>Product Type</b>        | Polyclonal Antibody                                                                                                                                                                                                                                                                       |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                      |
| <b>Target Names</b>        | BMP3                                                                                                                                                                                                                                                                                      |

## Image



Western blot analysis of extracts from HeLa cells, HuvEc cells and HepG2 cells, using BMP3 antibody.