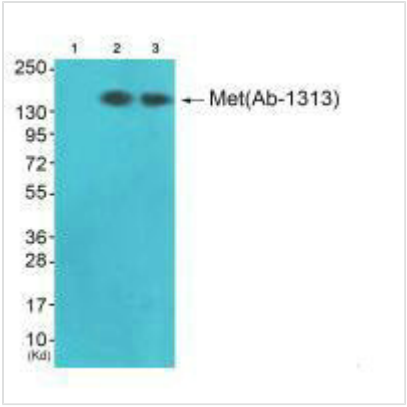
MET (Ab-1313) Antibody

Product Code	CSB-PA080821
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P08581
Immunogen	Synthesized peptide derived from Internal of Human MET.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total MET protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/HGF ligand. Regulates many physiological processes including proliferation, scattering, morphogenesis and survival. Ligand binding at the cell surface induces autophosphorylation of MET on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1. Recruitment of these downstream effectors by MET leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. The RAS-ERK activation is associated with the morphogenetic effects while PI3K/AKT coordinates prosurvival effects. During embryonic development, MET signaling plays a role in gastrulation, development and migration of muscles and neuronal precursors, angiogenesis and kidney formation. In adults, participates in wound healing as well as organ regeneration and tissue remodeling. Promotes also differentiation and proliferation of hematopoietic cells. Acts as a receptor for Listeria internalin inlB, mediating entry of the pathogen into cells. Park M., Proc. Natl. Acad. Sci. U.S.A. 84:6379-6383(1987). Hillier L.W., Nature 424:157-164(2003). Chan A.M.-L., Oncogene 1:229-233(1987).
Form	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	AUTS9; c-Met; Hepatocyte growth factor receptor; HGF receptor; HGF/SF receptor
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)

Target Names	MET

Image



Western blot analysis of extracts from JK cells (Lane 2) and K562 cells (Lane 3), using Met (Ab-1313) antiobdy. The lane on the left is treated with synthesized peptide.