

Product datasheet for **AP55921PU-N**

MET pTyr1003 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:500~1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 1003 (V-D-Y(p)-R-A) derived from Human c-Met (KLH-conjugated)
Specificity:	The antibody detects endogenous level of c-Met only when phosphorylated at tyrosine 1003.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	155 kDa
Gene Name:	MET proto-oncogene, receptor tyrosine kinase
Database Link:	Entrez Gene 4233 Human P08581



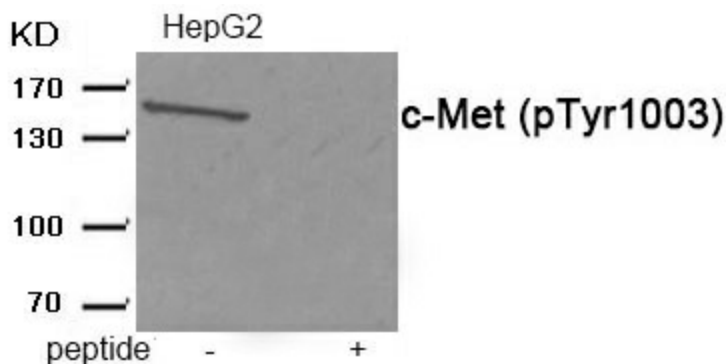
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Background:

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.

Synonyms:

Hepatocyte growth factor receptor, MET, Scatter factor receptor, HGF/SF receptor, c-Met

Product images:

Western blot analysis of extracts from HepG2 tissue using c-Met (Phospho-Tyr1003) antibody. The lane on the right is treated with the antigen-specific peptide.