

Product datasheet for **AP09516PU-S**

MET Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/500-1/1000. Incubate membrane with diluted antibody in 5% nonfat milk, 1xTBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight. Immunohistochemistry on Paraffin Embedded Tissue: 1/50-1/100.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around amino acids 1001~1005 (V-D-Y-R-A) derived from Human Met.
Specificity:	The antibody detects endogenous levels of total Met protein.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, containing 150 mM NaCl, 0.02% Sodium Azide and 50% glycerol State: Aff - Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	MET proto-oncogene, receptor tyrosine kinase
Database Link:	Entrez Gene 17295 Mouse Entrez Gene 24553 Rat Entrez Gene 4233 Human P08581



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Background:	The c-Met oncogene was originally isolated from chemical carcinogen-treated human osteogenic sarcoma cell line by transfection analysis in NIH/3T3 cells. The Met proto-oncogene product was identified as a trans-membrane receptor-like protein with tyrosine kinase activity that is expressed in many tissues. The c-Met gene product has been identified as the cell surface receptor for hepatocyte growth factor, a plasminogen-like protein thought to be a humoral mediator of liver regeneration.
Synonyms:	Hepatocyte growth factor receptor, MET, Scatter factor receptor, HGF/SF receptor, c-Met
Note:	Molecular Weight: 156 kDa
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways:	Adherens junction, Axon guidance, Colorectal cancer, Cytokine-cytokine receptor interaction, Endocytosis, Epithelial cell signaling in Helicobacter pylori infection, Focal adhesion, Melanoma, Pathways in cancer, Renal cell carcinoma

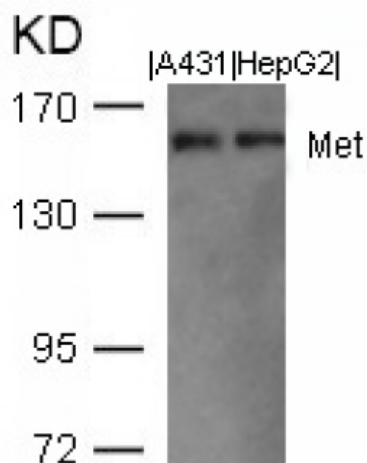
Product images:

Figure 1. Western blot analysis of extracts from A431 and HepG2 cells using Met antibody.

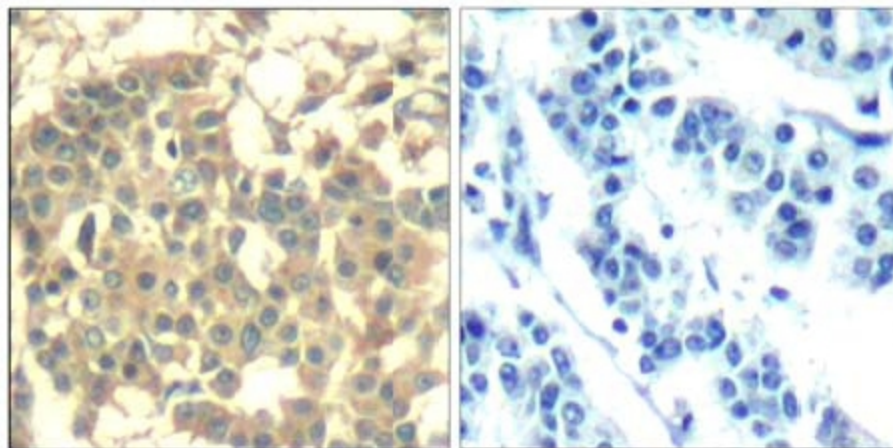


Figure 2. Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue using Met antibody (Left) and the same antibody preincubated with blocking peptide (Right).