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## **MET (N) Antibody, Rabbit Polyclonal**

**Cat#: R1120-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 156 | 210, 140, 125 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P08581**

### **Background:**

MET transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/HGF ligand. MET 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, MET participates in wound healing as well as organ regeneration and tissue remodeling. MET promotes also differentiation and proliferation of hematopoietic cells. MET acts as a receptor for Listeria internalin inIB, mediating entry of the pathogen into cells. Defects in MET are a cause of hepatocellular carcinoma and renal cell carcinoma papillary.

### **Other Names:**

Hepatocyte growth factor receptor, HGF receptor, HGF/SF receptor, Proto-oncogene c-Met, Scatter factor receptor, SF receptor, Tyrosine-protein kinase Met, HGFR, RCCP2

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MET. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

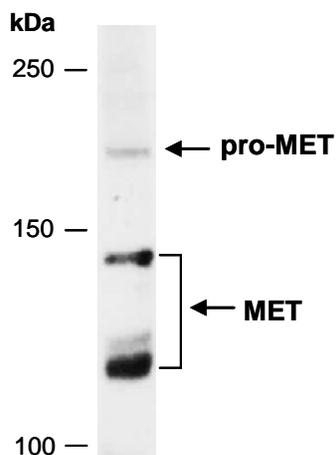
Human, Mouse

**Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from mouse brain; using anti-MET (N) (R1120-1) at RT for 2 h.