

Phospho-MET-Y1349 Rabbit pAb

Catalog No.: AP0077 **2 Publications**

Basic Information

Observed MW

160kDa

Calculated MW

156kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Rat

Background

This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4233

Swiss Prot

P08581

Immunogen

A synthetic phosphorylated peptide around Y1349 of human MET (NP_000236.2).

Synonyms

DA11; HGFR; AUTS9; RCCP2; c-Met; DFNB97; Phospho-MET-Y1349

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

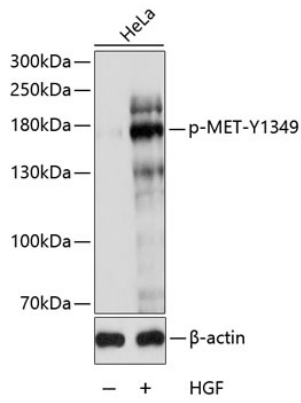
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-MET-Y1349 Rabbit pAb (AP0077) at 1:1000 dilution. HeLa cells were treated by HGF (40ng/mL) for 10 minutes after serum-starvation overnight.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.