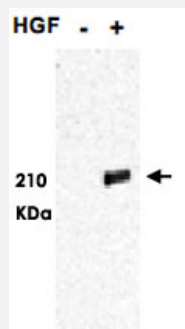


MET (phospho Y1349/1356) polyclonal antibody

Catalog # PAB9992 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot using MET (phospho Y1349/1356) polyclonal antibody (Cat # PAB9992) shows detection of phosphorylated MET.

Human mammary B5/589 epithelial cells were serum-deprived and treated with or without HGF.

Cell lysates were immunoprecipitated with the anti-MET antibody, resolved by SDS-PAGE, transferred to PVDF membrane, and probed with MET (phospho Y1349/1356) polyclonal antibody (Cat # PAB9992).

Personal communication, D. Bottaro and T. Ito, NCI, Bethesda, MD.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of MET.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y1349/Y1356 of human MET.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to human c-Met protein phosphorylated at Y1349 and Y1356.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:450000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot using MET (phospho Y1349/1356) polyclonal antibody (Cat # PAB9992) shows detection of phosphorylated MET. Human mammary B5/589 epithelial cells were serum-deprived and treated with or without HGF. Cell lysates were immunoprecipitated with the anti-MET antibody, resolved by SDS-PAGE, transferred to PVDF membrane, and probed with MET (phospho Y1349/1356) polyclonal antibody (Cat # PAB9992).
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- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MET

Entrez GeneID[4233](#)**Protein Accession#**[NP_000236:P08581](#)**Gene Name**

MET

Gene Alias

AUTS9, HGFR, RCCP2, c-Met

Gene Description

met proto-oncogene (hepatocyte growth factor receptor)

Omim ID[114550](#) [164860](#) [605074](#) [611015](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The proto-oncogene MET product is the hepatocyte growth factor receptor and encodes tyrosine-kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Various mutations in the MET gene are associated with papillary renal carcinoma. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

HGF receptor|OTTHUMP00000069168|SF receptor|met proto-oncogene|met proto-oncogene tyrosine kinase|oncogene MET|scatter factor receptor

Publication Reference

- [Intracellular signaling cascades triggered by the NK1 fragment of hepatocyte growth factor in human prostate epithelial cell line PNT1A.](#)

Pavone LM, Cattaneo F, Rea S, De Pasquale V, Spina A, Sauchelli E, Mastellone V, Ammendola R.

Cellular Signalling 2011 Dec; 23(12):1961.

Application: WB-Ce, Human, PNT1A cells

- [Met, metastasis, motility and more.](#)

Birchmeier C, Birchmeier W, Gherardi E, Vande Woude GF.

Nature Reviews. Molecular Cell Biology 2003 Dec; 4(12):915.

Application: WB, Human, Mammalian cells

- [The multisubstrate adapter Gab1 regulates hepatocyte growth factor \(scatter factor\)-c-Met signaling for cell survival and DNA repair.](#)

Fan S, Ma YX, Gao M, Yuan RQ, Meng Q, Goldberg ID, Rosen EM.

Mol Cell Biol 2001 Aug; 21(15):4968.

- [Receptor tyrosine kinases as therapeutic targets: the model of the MET oncogene.](#)

Longati P, Comoglio PM, Bardelli A.

Current Drug Targets 2001 Mar; 2(1):41.

Pathway

- [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](#)

Disease

- [Adenocarcinoma](#)
- [Autistic Disorder](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Child Development Disorders](#)
- [Chronic Disease](#)
- [Cognition Disorders](#)
- [Disease Progression](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hyperparathyroidism](#)
- [Lung Neoplasms](#)
- [Myopia](#)
- [Nasal Polyps](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Refractive Errors](#)

- [Rhinitis](#)
- [Schizophrenia](#)
- [Sinusitis](#)
- [Skin Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)