

Rabbit cMet Polyclonal Antibody | anti-cMet antibody

cMet

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268375	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunofluorescence, Western Blot

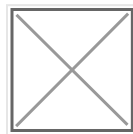
PRODUCT SYNONYMS

cMet; Polyclonal Antibody; c-Met; HGF receptor; SF receptor; Hepatocyte growth factor receptor; HGF/SF receptor; Proto-oncogene c-Met; Scatter factor receptor; Tyrosine-protein kinase Met; anti-cMet antibody

PRODUCT SPECIFICATIONS

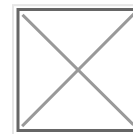
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified
Form/Format	1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Sequence Length	1379
Applicable Applications for anti-cMet antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Synthetic peptide within mouse cMet aa 641-690 / 1,379.
Positive control	Mouse liver tissue lysate, Mouse kidney tissue lysate, D3 cell lysate, MEF cell lysate, N2A,Hela, HepG2, mouse liver tissue, mouse spleen tissue.
Subcellular location	Secreted, membrane
Preparation and Storage	Store at 4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

IMAGES



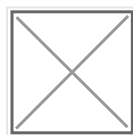
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells with cMet antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



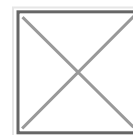
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-cMet antibody. Counter stained with hematoxylin.



ICC (Immunocytochemistry)

ICC staining cMet in N2A cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of cMet on different cell lysates using anti-cMet antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse liver tissue lysate. Lane 2: Mouse kidney tissue lysate. Lane 3: D3 cell lysate. Lane 4: MEF cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-cMet antibody	c-Met (MET or MNNG HOS Transforming gene) is a proto-oncogene that encodes a protein known as hepatocyte growth factor receptor (HGFR). MET is a membrane receptor that is essential for embryonic development and wound healing. Hepatocyte growth factor (HGF) is the only known ligand of the MET receptor. MET is normally expressed by cells of epithelial origin, while expression of HGF is restricted to cells of mesenchymal origin. Upon HGF stimulation, MET induces several biological responses that collectively give rise to a program known as invasive growth. Abnormal MET activation in cancer correlates with poor prognosis, where aberrantly active MET triggers tumor growth, formation of new blood vessels (angiogenesis) that supply the tumor with nutrients, and cancer spread to other organs (metastasis). MET is deregulated in many types of human malignancies, including cancers of kidney, liver, stomach, breast, and brain
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125485
NCBI GeneID	17295
UniProt Accession #	P16056; Q62125
Molecular Weight	Predicted band size: 156 kDa
NCBI Official Full Name	Hepatocyte growth factor receptor
NCBI Official Synonym Full Names	met proto-oncogene
NCBI Official Symbol	Met
NCBI Official Synonym Symbols	HGF; HGFR; Par4; c-Met; AI838057
NCBI Protein Information	hepatocyte growth factor receptor
UniProt Protein Name	Hepatocyte growth factor receptor
UniProt Gene Name	Met
UniProt Synonym Gene Names	HGF receptor; SF receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cmet-antibody-flow-cytometry-immunohistochemistry-immunofluorescence-western-blot-elisa/268375>