

For Research Use Only

c-Met (N-terminal) Polyclonal antibody



Catalog Number: 19971-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number:

19971-1-AP

Size:

150ul , Concentration: 253 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000245

GeneID (NCBI):

4233

UNIPROT ID:

P08581

Full Name:

met proto-oncogene (hepatocyte growth factor receptor)

Calculated MW:

156 kDa

Observed MW:

140 kDa, 50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells,

IHC : human breast cancer tissue, human colon tissue

Background Information

c-Met (also named as MET or HGFR) is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to hepatocyte growth factor/HGF ligand. c-Met regulates many physiological processes including proliferation, scattering, morphogenesis and survival. 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. Overexpression and/or mutation of c-Met has been reported in various human malignancies, including lung cancer, breast cancer, head and neck cancer, gastric cancer, colorectal cancer, bladder cancer, uterine cervix carcinoma, and esophageal carcinoma, c-Met could serve as an important therapeutic target (PMID: 26036285). This antibody recognizes the N-term of c-Met.

Notable Publications

Author	Pubmed ID	Journal	Application
F Yan	28869603	Oncogene	WB
Wen-Cheng Chung	32805234	Am J Pathol	IHC
Wu Jianmin J	22198213	Carcinogenesis	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

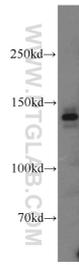
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

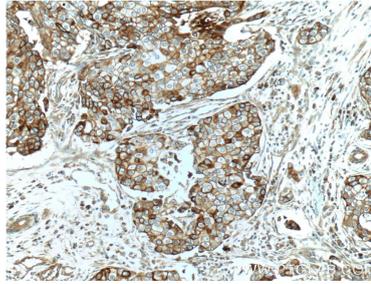
E: proteintech@ptglab.com
W: ptglab.com

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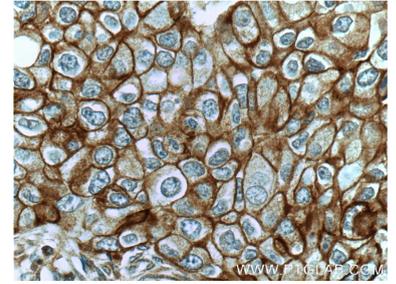
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 19971-1-AP (c-Met (N-terminal) antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 19971-1-AP (c-Met (N-terminal) antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 19971-1-AP (c-Met (N-terminal) antibody) at dilution of 1:50 (under 40x lens).