

For Research Use Only

# c-Met (N-terminal) Polyclonal ANTIBODY



Catalog Number: 19971-1-AP

2 Publications

## Basic Information

<b>Catalog Number:</b> 19971-1-AP	<b>GenBank Accession Number:</b> NM_000245	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:200
<b>Size:</b> 38 µg/150 µl	<b>GeneID (NCBI):</b> 4233	
<b>Source:</b> Rabbit	<b>Full Name:</b> met proto-oncogene (hepatocyte growth factor receptor)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 156 kDa	
<b>Purification Method:</b> Antigen affinity purification	<b>Observed MW:</b> 140 kDa, 50 kDa	
<b>Immunogen Catalog Number:</b>		

## Applications

**Tested Applications:**  
FC, IHC, WB, ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human,mouse,rat

**Cited Species:**  
human

**Note: 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
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

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

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