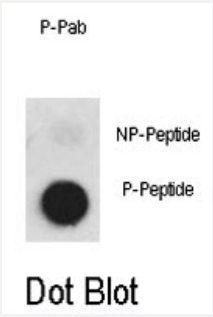
# MET (phospho Y1356) polyclonal antibody

Catalog # PAB0536 Size 400 uL

## Applications




### Dot Blot (Peptide)

Dot blot analysis of MET (phospho Y1356) polyclonal antibody (Cat # PAB0536) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against synthetic phosphopeptide of MET. |
| **Immunogen** | Synthetic phosphopeptide (conjugated with MAPS) corresponding to residues surrounding Y1356 of human MET. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein G purification |
| **Recommend Usage** | Dot Blot (1:500)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (0.09% sodium azide) |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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## 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

- RAPTOR up-regulation contributes to resistance of renal cancer cells to PI3K-mTOR inhibition.

  Philip Earwaker, Caroline Anderson, Frances Willenbrock, Adrian L Harris, Andrew S Protheroe, Valentine Moya Macaulay

  PLoS One 2018 Feb; 13(2):e0191890.

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- WKYMVm-induced cross-talk between FPR2 and HGF receptor in human prostate epithelial cell line PNT1A.

  Cattaneo F, Parisi M, Ammendola R.

  FEBS Letters 2013 May; 587(10):1536.

  Application: WB-Ce, WB-Tr, Human, PNT1A cells

- Progressive changes in Met-dependent signaling in a human ovarian surface epithelial model of malignant transformation.

  Wong AS, Roskelley CD, Pelech S, Miller D, Leung PC, Auersperg N.

  Experimental Cell Research 2004 Sep; 299(1):248.

- MUC20 suppresses the hepatocyte growth factor-induced Grb2-Ras pathway by binding to a multifunctional docking site of met.

  Higuchi T, Orita T, Katsuya K, Yamasaki Y, Akiyama K, Li H, Yamamoto T, Saito Y, Nakamura M.

  Molecular and Cellular Biology 2004 Sep; 24(17):7456.

- Activation of the hepatocyte growth factor (HGF)-Met system in papillary thyroid cancer: biological effects of HGF in thyroid cancer cells depend on Met expression levels.

  Mineo R, Costantino A, Frasca F, Sciacca L, Russo S, Vigneri R, Belfiore A.

  Endocrinology 2004 Jun; 145(9):4355.

## 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

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## 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

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- Sinusitis
- Skin Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome

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