bs-0668R **[Primary Antibody]**

MET Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 17295 **SWISS:** P16056

Target: MET

Immunogen: KLH conjugated synthetic peptide derived from mouse MET: 621-720/1379. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers. [provided by RefSeq, May 2016]

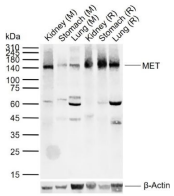
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat

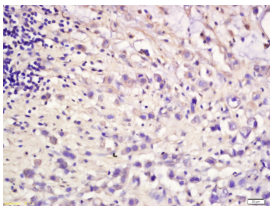
Predicted MW.: 33/123/156 kDa

Subcellular Location: Secreted ,Cell membrane

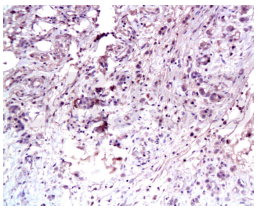
VALIDATION IMAGES



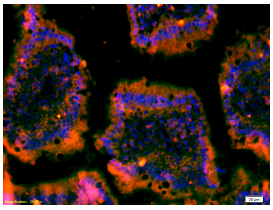
Sample: Lane 1: Mouse Kidney tissue lysates Lane 2: Mouse Stomach tissue lysates Lane 3: Mouse Lung tissue lysates Lane 4: Rat Kidney tissue lysates Lane 5: Rat Stomach tissue lysates Lane 6: Rat Lung tissue lysates Primary: Anti-MET (bs-0668R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33/123/153 kDa Observed band size: 145 kDa



Tissue/cell:human gastric cancer tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Met (c Met) Polyclonal Antibody, Unconjugated(bs-0668R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-C-Met Polyclonal Antibody, Unconjugated(bs-0668R) 1:100, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: mouse intestine tissue;4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-C-Met Polyclonal Antibody, Unconjugated(bs-0668R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei

SELECTED CITATIONS

- **[IF=4.6]** Tang-Yuan Chu. et al. Insulin-like growth factor (IGF) and hepatocyte growth factor (HGF) in follicular fluid cooperatively promote the oncogenesis of high-grade serous carcinoma from fallopian tube epithelial cells: Dissection of the molecular effects. MOL CARCINOGEN. 2023 Jun;: IHC,WB ;Mouse,Human. 37265438
- **[IF=4.145]** Tang-Yuan Chu. et al. Effect of ovulation IGF and HGF signaling on the oncogenesis of murine epithelial ovarian cancer cell ID8. EXP CELL RES. 2022 Oct;419:113323 WB,IHC ;Mouse. 10.1016/j.yexcr.2022.113323
- **[IF=3.74]** Guo et al. Expression of MACC1 and c-Met in human gastric cancer and its clinical significance. (2013) Cancer.Cell.Int. 13:121 IHC ;Human. 24325214
- **[IF=3.33]** Hu ZP et al. Melatonin inhibits macrophage infiltration and promotes plaque stabilization by upregulating anti-inflammatory HGF/c-Met system in the atherosclerotic rabbit: USPIO-enhanced MRI assessment. Vascul Pharmacol. 2020 Feb 15:106659. IHC ;Rabbit. 32068091
- **[IF=3.49]** Wang, Xinhong, et al. "Hepatocyte growth factor (HGF) optimizes oral traumatic ulcer healing of mice by reducing inflammation." Cytokine (2017). IHC ;="Mouse". 28830652