

bs-3439R**[Primary Antibody]****phospho-TAK1(Thr184 + Thr187) Rabbit pAb****BioSS**
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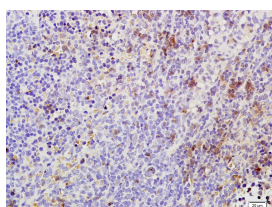
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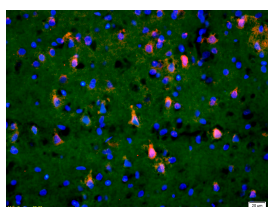
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6885 Target: TAK1(Thr184 + Thr187) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human TAK1 around the phosphorylation site of Thr184/187: IQ(p-T)HM(p-T)NN. 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: The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: O43318	Applications: IHC-P (1:50-1000) IHC-F (1:50-1000) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Chicken, Horse) Predicted MW.: 67 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Tissue/cell: rat spleen 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-Phospho-TAK1(Thr184/187) Polyclonal Antibody, Unconjugated(bs-3439R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain 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-Phospho-TAK1(Thr184/187) Polyclonal Antibody, Unconjugated(bs-3439R) 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=10.2]** Zhang et al. Constitutive IRAK4 Activation Underlies Poor Prognosis and Chemoresistance in Pancreatic Ductal Adenocarcinoma. (2017) Clin.Cancer.Res. 23:1748-1759 IHC,IF ;Human. 27702822
- **[IF=6.5]** ReziCsenge K. et al. DLG1 functions upstream of SDCCAG3 and IFT20 to control ciliary targeting of polycystin-2.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

