bs-3551R **[Primary Antibody]**

RIPK3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 11035 **SWISS:** Q9Y572

Target: RIPK3

Immunogen: KLH conjugated synthetic peptide derived from human RIPK3: 101-230/518.

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 product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor. [provided by RefSeq, Jul 2008]

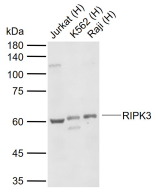
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, GuineaPig)

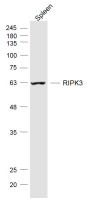
Predicted MW.: 57 kDa

Subcellular Location: Cell membrane ,Cytoplasm

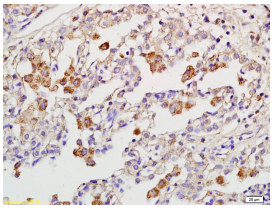
VALIDATION IMAGES



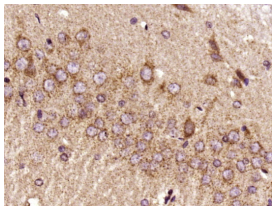
Sample: Lane 1: Human Jurkat cell lysates Lane 2: Human K562 cell lysates Lane 3: Human Raji cell lysates Primary: Anti-RIPK3 (bs-3551R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kDa Observed band size: 60 kDa



Sample: Spleen (Mouse) Lysate at 40 ug Primary: Anti-RIPK3 (bs-3551R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 57 kD



Tissue/cell: human pneumonia 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-RIPK3 Polyclonal Antibody, Unconjugated(bs-3551R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal

goat serum) at 37°C for 30min; Antibody incubation with (RIPK3) Polyclonal Antibody, Unconjugated (bs-3551R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=9.3]** Ke Mo. et al. Targeting hnRNPC suppresses thyroid follicular epithelial cell apoptosis and necroptosis through m6A-modified ATF4 in autoimmune thyroid disease. PHARMACOL RES. 2023 Sep;:106933 IF ;Human. 37729957
- **[IF=8.9]** Jiali Ye. et al. Polystyrene nanoplastics and cadmium co-exposure aggravated cardiomyocyte damage in mice by regulating PANoptosis pathway. ENVIRON POLLUT. 2024 Mar;:123713 WB ;Mouse. 38462200
- **[IF=7.675]** Lei Lei. et al. Selenium Deficiency-Induced Oxidative Stress Causes Myocardial Injury in Calves by Activating Inflammation, Apoptosis, and Necroptosis. ANTIOXIDANTS-BASEL. 2023 Feb;12(2):229 WB ;Cow. 10.3390/antiox12020229
- **[IF=6.208]** Shuang Wang. et al. Paricalcitol Ameliorates Acute Kidney Injury in Mice by Suppressing Oxidative Stress and Inflammation via Nrf2/HO-1 Signaling. INT J MOL SCI. 2023 Jan;24(2):969 IF ;Mouse. 36674485
- **[IF=5.4]** Yueqi Yang. et al. A Compared Study of Eicosapentaenoic Acid and Docosahexaenoic Acid in Improving Seizure-Induced Cognitive Deficiency in a Pentylenetetrazol-Kindling Young Mice Model. MAR DRUGS. 2023 Sep;21(9):464 WB ;Mouse. 10.3390/md21090464