bs-3562R

[Primary Antibody]

RelB Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5971 **SWISS:** Q01201

Target: RelB

Immunogen: KLH conjugated synthetic peptide derived from human RelB: 401-500/579.

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 NFKB complex consists of NFKB1 or NFKB2 bound to REL, RELA, or RELB. The NFKB complex is inhibited by I kappa B proteins (NFKBIA, or NFKBIB), which inactivate NF kappa B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I kappa B proteins by kinases (IKBKA, or IKBKB,) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF kappa B complex.

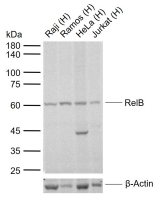
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Rabbit)

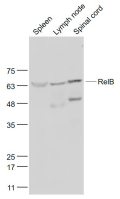
Predicted MW.: 64 kDa

Subcellular Location: Cytoplasm ,Nucleus

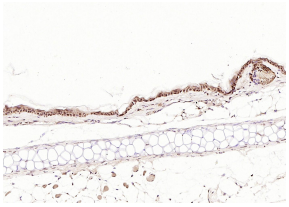
VALIDATION IMAGES



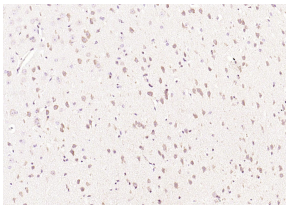
Sample: Lane 1: Human Raji cell lysates Lane 2: Human Ramos cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human Jurkat cell lysates Primary: Anti-RelB (bs-3562R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kDa Observed band size: 61 kDa



Sample: Spleen (Mouse) Lysate at 40 ug Lymph node (Mouse) Lysate at 40 ug Spinal cord(Mouse) Lysate at 40 ug Primary: Anti- RelB (bs-3562R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kD Observed band size: 64 kD



Paraformaldehyde-fixed, paraffin embedded (mouse skin); 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; Incubation with (RelB) Polyclonal Antibody, Unconjugated (bs-3562R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse 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; Incubation with (RelB) Polyclonal Antibody, Unconjugated (bs-3562R) at 1:200 overnight at 4°C, followed by

operating according to SP Kit(Rabbit) (sp-0023)
instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=4.546]** Zi-Wei Wang. et al. Ex Vivo and In Vitro Studies Revealed Underlying Mechanisms of Immature Intestinal Inflammatory Responses Caused by Aflatoxin M1 Together with Ochratoxin A. Toxins. 2022 Mar;14(3):173 WB ;Human. 10.3390/toxins14030173
- **[IF=0]** Ta et al. Constitutive renal Rel/nuclear factor-κB expression in Lewis polycystic kidney disease rats. (2016) World.J.Nephro. 5:339-57 IF ;Rat. 27458563