bs-1560R **[Primary Antibody]**

Reelin Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5649 **SWISS:** P78509

Target: Reelin

Immunogen: KLH conjugated synthetic peptide derived from human RELN: 3345-3458/3458.

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: Reelin (or Reln) is a large glycoprotein that is secreted by Cajal-Retzius cells in the forebrain and by granule neurons in the cerebellum. Reelin was shown to be mutated in “reeler” mice, a mutation that is associated with widespread disruption of laminated regions of the brain, leading to impaired motor coordination, tremors and ataxia. Reelin protein expression is complex and changes throughout development. Reelin appears to function upstream of Dab1 in a signaling pathway that controls cell positioning in the developing brain and is also thought to be a direct effector of the neurotrophin BDNF.

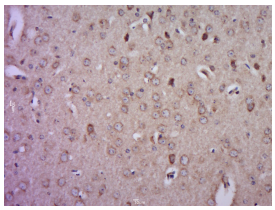
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse (predicted: Human, Rat, Pig, Chicken, Dog, GuineaPig, Horse)

Predicted MW.: 400-450;300;180- kDa

Subcellular Location: Secreted

VALIDATION IMAGES



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; Antibody incubation with (Reelin) Polyclonal Antibody, Unconjugated (bs-1560R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=3.4]** Ying-tong Wang. et al. Electrical stimulation induced pre-vascularization of engineered dental pulp tissue. REGEN THER. 2024 Jun;26:354 IHC ;Human. 10.1016/j.reth.2024.06.014