



[Go to Product page](#)

Datasheet for ABIN719428
anti-LRP8 antibody (AA 851-963) (Biotin)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | LRP8 |
| Binding Specificity: | AA 851-963 |
| Reactivity: | Human, Mouse, Rat, Chicken |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This LRP8 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human ApoER2 |
| Isotype: | IgG |
| Specificity: | This antibody will detect both the membrane bound and the secreted isoform variants of this protein. |
| Cross-Reactivity: | Chicken, Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | LRP8 |
| Alternative Name: | ApoER2 (LRP8 Products) |
| Background: | <p>Synonyms: MCI1, LRP-8, APOER2, HSZ75190, Low-density lipoprotein receptor-related protein 8, Apolipoprotein E receptor 2, LRP8</p> <p>Background: Cell surface receptor for Reelin (RELN) and apolipoprotein E (apoE)-containing ligands. LRP8 participates in transmitting the extracellular Reelin signal to intracellular signaling processes, by binding to DAB1 on its cytoplasmic tail. Reelin acts via both the VLDL receptor (VLDLR) and LRP8 to regulate DAB1 tyrosine phosphorylation and microtubule function in neurons. LRP8 has higher affinity for Reelin than VLDLR. LRP8 is thus a key component of the Reelin pathway which governs neuronal layering of the forebrain during embryonic brain development. Binds the endoplasmic reticulum resident receptor-associated protein (RAP). Binds dimers of beta 2-glycoprotein I and may be involved in the suppression of platelet aggregation in the vasculature. Highly expressed in the initial segment of the epididymis, where it affects the functional expression of clusterin and phospholipid hydroperoxide glutathione peroxidase (PHGPx), two proteins required for sperm maturation. May also function as an endocytic receptor.</p> |
| Gene ID: | 7804 |
| UniProt: | Q14114 |

Application Details

| | |
|--------------------|---|
| Application Notes: | WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

Handling

handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months