

Datasheet: 4670-5199

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| Description: | SHEEP ANTI HUMAN GLUTAMATE RECEPTOR 5 |
| Specificity: | GluR5 |
| Other names: | GLUTAMATE RECEPTOR 5 |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 1 ml |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| ELISA | ▪ | | | |
| Western Blotting | ▪ | | | 1/100 - 1/500 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

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| Target Species | Human |
| Species Cross Reactivity | Based on sequence similarity, is expected to react with: Dog, Mouse, Rabbit, Rat, Rhesus Monkey N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. |
| Product Form | Purified IgG - liquid |
| Preparation | Purified Ig prepared by affinity chromatography on Protein G |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |

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| Approx. Protein Concentrations | IgG concentration 5.0 mg/ml |
| Immunogen | Synthetic peptide, TCHQRRTQRKETVA, conjugated to Keyhole Limpet Hemocyanin (KLH). |
| External Database Links | <p>UniProt: P39086 Related reagents</p> <p>Entrez Gene: 2897 GRIK1 Related reagents</p> |
| Synonyms | GLUR5 |
| RRID | AB_618593 |
| Specificity | Sheep anti Human glutamate receptor 5 recognizes the human glutamate receptor 5 (GluR5), an ionotropic receptor that mediates excitatory neurotransmission. |
| Western Blotting | 4670-5199 detects a band at approximately 125kDa in human brain lysate under reducing conditions. |
| Storage | <p>Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 18 months from date of despatch. |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [HRP](#)

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