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GOAT ANTI-ROBO3.1 (MOUSE AA1338-1351) ANTIBODY

SKU: EB11775

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	Rbig1|retinoblastoma inhibiting gene 1|retinoblastoma-inhibiting gene 1 protein|Rig1|Rig-1|Robo3|Robo3a|Robo3b|roundabout homolog 3|roundabout homolog 3 (Drosophila)
Accession ID	NP_001158239.1
Blocking Peptide	EBP11775
Immunogen	Peptide with sequence C-PYGRPSFLSHGQGT, from the C-terminus of the protein sequence according to NP_001158239.1.
Peptide Sequence	C-PYGRPSFLSHGQGT
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse
Mouse Gene ID	19649
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Preliminary experiments gave bands at approx 100kDa and 80kDa in Mouse fetal Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 150kDa according to NP_001158239. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet