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Research Use Only. Not for diagnostic or therapeutic use.

EB08226 - Goat Anti-ROBO2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ROBO2, roundabout, axon guidance receptor, homolog 2 (Drosophila), KIAA1568, SAX3, roundabout, axon guidance receptor, homolog 2 Official Symbol: ROBO2 Accession Number(s): NP_002933.1 Human GeneID(s): 6092 Non-Human GeneID(s): 268902 (mouse), 84409 (rat)

Immunogen

Peptide with sequence C-NQSQRPRPTKKHK, from the internal region (near the C Terminus) of the protein sequence according to NP_002933.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

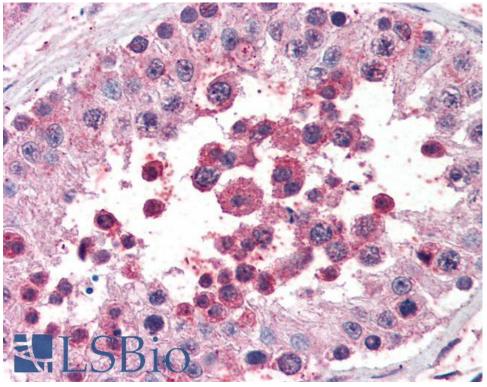
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Preliminary experiments gave an approx. 75kDa band in Human Brain (Amygdala) lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 151kDa according to NP_002933.1. The 75kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog



EB08226 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.