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Research Use Only. Not for diagnostic or therapeutic use.

EB09218 - Goat Anti-UNC5C Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: UNC5C, unc-5 homolog C (C. elegans), UNC5H3, homolog of C. elegans transmembrane receptor Unc5, unc5 (C.elegans homolog) c, unc5C Official Symbol: UNC5C Accession Number(s): NP_003719.2 Human GenelD(s): 8633 Non-Human GenelD(s): 22253 (mouse)

Immunogen

Peptide with sequence NCTVSEEPTGID, from the internal region of the protein sequence according to NP_003719.2.

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

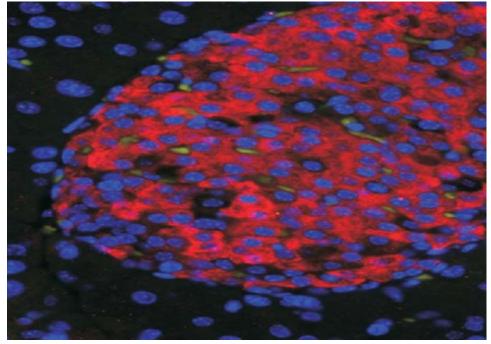
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments in Human and Mouse Brain lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). **IHC:** In paraffin embedded Human Cerebral Cortex shows staining of some neuronal bodies plus intense axonal staining. Recommended concentration: 3-5µg/ml.

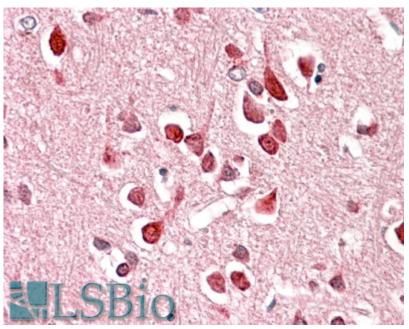
Immunofluorescence: Staining of paraffin embedded endocrine islets (red) in adult Mouse Pancreas. Nuclear staining in blue and ductal cell staining in green. Data obtained from a customer.

Species Reactivity

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



EB09218 (50ug/ml) staining of islets in Mouse Pancreas. Citrate antigen retrieval. Detected by immunofluorescence.



EB09218 (3.8µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.