everest
an Absolute Biotech Company

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EB09218-Goat Anti-UNC5C Antibody
Size: $100 \mu \mathrm{~g}$ specific antibody in $200 \mu \mathrm{l}$

## 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 GeneID(s): 8633
Non-Human GeneID(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 $0.5 \mathrm{mg} / \mathrm{ml}$ in Tris saline, $0.02 \%$ sodium azide, pH 7.3 with $0.5 \%$ bovine serum albumin.
Aliquot and store at $-20^{\circ} \mathrm{C}$. 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 $1 \mu \mathrm{~g} / \mathrm{ml}$ ).
IHC: In paraffin embedded Human Cerebral Cortex shows staining of some neuronal bodies plus intense axonal staining. Recommended concentration: 3-5 $\mathrm{g} / \mathrm{ml}$.

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<br>Tested: Human, Mouse<br>Expected from sequence similarity: Human, Mouse, Dog



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


EB09218 $(3.8 \mu \mathrm{~g} / \mathrm{ml})$ staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer $\mathrm{pH} 6, \mathrm{AP}$-staining

