



## UK Office

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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 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 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.