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# Datasheet for ABIN570965 anti-Unc5c antibody (Internal Region)

2 Images



### Overview

Quantity:	100 µg
Target:	Unc5c
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Unc5c antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	UNC5C
Immunogen:	Peptide with sequence NCTVSEEPTGID, from the internal region of the protein sequence according to NP_003719.2.
Sequence:	NCTVSEEPTG ID
lsotype:	lgG
Cross-Reactivity:	Dog, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	Unc5c
Alternative Name:	UNC5C (Unc5c Products)
Background:	UNC5C, unc-5 homolog C (C. elegans), UNC5H3, homolog of C. elegans transmembrane receptor Unc5, unc5 (C.elegans homolog) c, unc5C
Gene ID:	8633, 22253
NCBI Accession:	NP_003719
Application Details	

Application Notes:	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows staining of some
	neuronal bodies plus intense axonal staining. Recommended concentration: 3-5 $\mu$ g/mL.
	Western Blot: Preliminary experiments in Human and Mouse Brain lysates gave no specific
	signal but low background (at antibody concentration up to 1 $\mu$ g/mL).
	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	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.
Restrictions.	For Research Lise only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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**Image 1.** ABIN570965 (3.8µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Immunofluorescence

**Image 2.** ABIN570965 (50ug/ml) staining of islets in Mouse Pancreas. Citrate antigen retrieval. Detected by immunofluorescence.

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