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Datasheet for ABIN1387681
anti-Unc5c antibody (AA 201-288)

Overview

Quantity:	100 µL
Target:	Unc5c
Binding Specificity:	AA 201-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Unc5c antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human UNC5H3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Unc5c
Alternative Name:	UNC5H3/UNC5C (Unc5c Products)

Target Details

Background:	<p>Synonyms: Alternative nameshomolog of C. elegans transmembrane receptor Unc5, Netrin receptor UNC5C, Protein unc 5 homolog C, Unc 5 homolog 3, Unc 5 homolog C, Unc5 C.elegans homolog c, UNC5H3, UNC5C_HUMAN.</p> <p>Background: The UNC5H family of proteins act as transmembrane receptors for netrin-1 and play a crucial role in axon guidance and migration of neural cells. Additionally, UNC5H receptors induce apoptosis when cleaved by a caspase, producing an intracellular fragment containing a death domain. This activity is blocked by the binding of netrin-1. In the absence of netrin-1, UNC5H receptors act as tumor suppressors by inhibiting anchorage-independent growth and invasion, but mutation of these receptors provides a potential mechanism for tumorigenicity. The expression of UNC5H receptors is down-regulated in multiple cancers, including colorectal, breast, ovary, uterus, stomach, lung, and kidney cancers. UNC5H3, also known as UNC5C, plays an important role in the development of spinal accessory motor neurons. It is also involved in mediating the repulsive action for netrin-1 and it serves as a stop signal for migratory cells.</p>
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Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months