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Datasheet for ABIN1387797
anti-CHRND antibody (AA 145-190)

Overview

Quantity:	100 µL
Target:	CHRND
Binding Specificity:	AA 145-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRND antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

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

Target Details

Target:	CHRND
Alternative Name:	CHRND (CHRND Products)

Target Details

Background: Synonyms: Acetylcholine receptor delta subunit, Acetylcholine receptor subunit delta, ACHD_HUMAN, ACHRD, Cholinergic receptor, nicotinic, delta polypeptide, CHRND, CMS2A, FCCMS, Nicotinic acetylcholine receptor delta polypeptide precursor, SCCMS.

Background: Members of the ligand-gated ion channel receptor family are characterized by their fast transmitting response to neurotransmitters. Two important members of this family are the nicotinic acetylcholine and glutamate receptors, both of which are composed of five homologous subunits forming a transmembrane aqueous pore. These transmembrane receptors change conformation in response to their cognate neurotransmitter. Nicotinic acetylcholine receptors (AChRs) are found at the postsynaptic membrane of the neuromuscular junction and bind acetylcholine molecules, allowing ions to move through the pore. Glutamate receptors are found in the postsynaptic membrane of cells in the central nervous system. The activity that is generated at the synapse by the binding of acetylcholine is terminated by acetylcholinesterase, an enzyme that rapidly hydrolyzes acetylcholine. AChR delta, also known as CMS2A, FCCMS, SCCMS or CHRND, is a 517 amino acid multi-pass membrane protein that is associated with lethal type multiple pterygium syndrome, congenital myasthenic syndrome slow-channel type (SCCMS) and congenital myasthenic syndrome fast-channel type (FCCMS).

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

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

Handling

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