

CHODL Rabbit pAb

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Catalog # AP55342

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H9P2
Predicted	Rat, Pig, Dog, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30431
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CHODL
Epitope Specificity	21-120/273
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a type I membrane protein with a carbohydrate recognition domain characteristic of C-type lectins in its extracellular portion. In other proteins, this domain is involved in endocytosis of glycoproteins and exogenous sugar-bearing pathogens. This protein localizes predominantly to the perinuclear region. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]

Additional Information

Gene ID	140578
Other Names	Chondrolectin, Transmembrane protein MT75, CHODL, C21orf68
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CHODL
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Synonyms	C21orf68
Function	May play a role in the development of the nervous system such as in neurite outgrowth and elongation. May be involved in motor axon growth and guidance.
Cellular Location	Cytoplasm. Membrane; Single-pass type I membrane protein [Isoform 3]: Cytoplasm
Tissue Location	Found in spleen, testis, prostate and fetal liver. Expression limited to vascular muscle of testis, smooth muscle of prostate stroma, heart muscle, skeletal muscle, crypts of small intestine, and red pulp of spleen. B lymphocytes express isoform 2 only; peripheral blood T lymphocytes express isoform 3 only; granulocytes and monocytes express neither isoform 2 nor isoform 3. During development of T lymphocytes, bone marrow progenitor cells express isoform 2 only; thymocytes at different stages of maturation express predominantly isoform 2 and weakly isoform 3, and mature thymocytes express only isoform 2.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.