

HMCN2 Rabbit pAb

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Catalog # AP56929

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8NDA2
Predicted	Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	544006
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HMCN2
Epitope Specificity	101-200/5065
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	Secreted
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	First discovered in <i>C. elegans</i> , Hemicentins are extracellular matrix (ECM) proteins that contain a single von Willebrand A domain at the amino terminus, more than 40 tandem immunoglobulin domains, multiple tandem epidermal growth factors, and a single fibulin-like carboxy-terminal module. In mammals, Hemicentins are expressed in the ECM of eye, skin and tongue epithelium and in the ECM of some blood vessels. Due to the expression pattern in areas that are subject to a significant amount of stress, it is thought that Hemicentins likely play a role in the architecture of flexible and adhesive cell junctions. Hemicentin-2 is a 5,065 amino acid secreted protein that is expressed in the extracellular matrix. There are three isoforms of Hemicentin-2 that are produced as a result of alternative splicing events

Additional Information

Gene ID	256158
Other Names	Hemicentin-2, HMCN2 (HGNC:21293)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	HMCN2 (HGNC:21293)
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:A2AJ76}. Cleavage furrow {ECO:0000250 UniProtKB:A2AJ76}. Note=The antibody used to determine subcellular location does not distinguish between HMCN1 and HMCN2 {ECO:0000250 UniProtKB:A2AJ76}

Background

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