

Membralin Rabbit pAb

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Catalog # AP54454

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q4ZIN3
Reactivity	Rat, Pig, Mouse, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67889
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Membralin
Epitope Specificity	161-260/620
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; Multi-pass membrane protein. Cytoplasm.Note=Cytoplasmic according to PubMed:16084606.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The gene encoding human Membralin, C19orf6, localizes to chromosome 19p13.3. It contains 11 exons, which encode at least two splice variants in human cancer. Membralin is a multi-pass membrane protein and exists either as a long or short form. The long form of Membralin comprises all 11 exons, while the short form contains all exons except exon 10. Expression of different Membralin isoforms depends on tissue type. The long form is expressed in ovarian and colorectal carcinomas, whereas the short form is expressed in breast or pancreatic carcinomas. Because Membralin expression in ovarian carcinomas is highest in serous carcinomas as compared to surface epithelium carcinomas, expression of Membralin may be useful as a novel tumor-associated marker in ovarian serous carcinomas.

Additional Information

Gene ID	91304
Other Names	Membralin, Transmembrane protein 259, TMEM259, C19orf6
Dilution	WB=1:500-2000,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	TMEM259
Synonyms	C19orf6
Function	May have a role in the ERAD pathway required for clearance of misfolded proteins in the endoplasmic reticulum (ER). Promotes survival of motor neurons, probably by protecting against ER stress.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q8CIV2}; Multi-pass membrane protein

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