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TMEM132A Rabbit pAb

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Catalog # AP54717

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q24JP5
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110110
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMEM132A
Epitope Specificity	331-430/1023
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	Golgi apparatus membrane; Single-pass type I membrane protein (By similarity). Endoplasmic reticulum membrane; Single-pass type I membrane protein
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 protein that is highly similar to the rat Grp78-binding protein (GBP). Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	54972
Other Names	Transmembrane protein 132A, HSPA5-binding protein 1, TMEM132A, HSPA5BP1, KIAA1583
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	TMEM132A

Synonyms	HSPA5BP1, KIAA1583
Function	May play a role in embryonic and postnatal development of the brain. Increased resistance to cell death induced by serum starvation in cultured cells. Regulates cAMP-induced GFAP gene expression via STAT3 phosphorylation (By similarity).
Cellular Location	Golgi apparatus membrane; Single- pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein

Background

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