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GLT8D1 Rabbit pAb

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Catalog # AP59289

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q68CQ7
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41935
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLT8D1
Epitope Specificity	201-300/371
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; Single pass type II 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	GLT8D1 is a 371 amino acid single-pass type II transmembrane protein that is expressed by a gene residing on human chromosome 3. Chromosome 3 is made up of about 214 million bases encoding over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3. There are two isoforms of GLT8D1 that are produced as a result of alternative splicing events.

Additional Information

Gene ID	55830
Other Names	Glycosyltransferase 8 domain-containing protein 1, 2.4.1.-, GLT8D1 (HGNC:24870), GALA4A
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	GLT8D1 (HGNC:24870)
Synonyms	GALA4A
Function	In vitro, catalyzes the transfer of a galactose residue from UDP-galactose onto GalNAc and GlcNAc structures.
Cellular Location	Golgi apparatus membrane; Single-pass type II membrane protein

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