

GLT6D1 Rabbit pAb

Catalog # AP97582

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q7Z4J2
Other Accession	Q7Z4J2
Predicted	Rat, Pig, Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32608
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GLT6D1
Epitope Specificity	211-308/308
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	GLT6D1 belongs to the glycosyltransferase 6 family. The exact function of GLT6D1 remains unknown.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GLT6D1 is a 308 amino acid single-pass type II membrane protein. A member of the glycosyltransferase 6 family, GLT6D1 is expressed in healthy and inflamed gingival tissue samples at similar levels, with higher expression in gingival connective tissue compared to gingival epithelium. GLT6D1 is also strongly expressed in testis and leukocytes. The GLT6D1 gene locus may contribute to a potential trans-acting regulatory mechanism involving chromatin-remodeling activity, leading to differential cytokine expression pattern in individuals affected with periodontitis. GLT6D1 is encoded by a gene that maps to human chromosome 9q34.3 and mouse chromosome 2 A3.

Additional Information

Gene ID	360203
Other Names	GLTDC1; GT6M7; GL6D1_BOVIN; GLT6D1; 2.4.1.-; GL6D1_MACFA; GL6D1_HUMAN; Galactosyltransferase family 6 domain-containing 1; glycosyltransferase 6 domain containing 1; galactosyltransferase family 6 domain containing 1
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	GLT6D1
Synonyms	GLTDC1, GT6M7
Cellular Location	Membrane; Single-pass type II membrane protein
Tissue Location	Expressed in both healthy and inflamed gingival tissue samples at similar levels, with higher expression in the gingival connective tissue compared to gingival epithelium. Strongest expression in testis, followed by leukocytes

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