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Datasheet for ABIN1712324

anti-GLT25D1 antibody (AA 531-622) (HRP)

Overview

Quantity:	100 µL
Target:	GLT25D1
Binding Specificity:	AA 531-622
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLT25D1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GLT25D1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	GLT25D1
Alternative Name:	GLT25D1 (GLT25D1 Products)
Background:	Synonyms: FLJ22329, Glycosyltransferase 25 domain containing 1, Hydroxylysine

Target Details

galactosyltransferase 1, Procollagen galactosyltransferase 1, GT251_HUMAN.

Background: GLT25D1 is a 622 amino acid protein that localizes to the lumen of the endoplasmic reticulum. Ubiquitously expressed with higher levels in placenta, heart, lung and spleen, GLT25D1 is a member of the glycosyltransferase 25 family. The beta-galactosyltransferase activity of GLT25D1 allows the transfer of beta-galactose to hydroxylysine residues of collagen. GLT25D1 is considered an important target for investigating the biological significance of collagen glycosylation and the importance of posttranslational modification in the etiology of connective tissue disorders. The gene encoding GLT25D1 is located on human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes.

Gene ID:	79709
UniProt:	Q8NBJ5
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB 1:300-1000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months