

Datasheet for ABIN7601391
anti-GLT25D1 antibody (AA 34-454)



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Overview

Quantity:	100 µg
Target:	GLT25D1
Binding Specificity:	AA 34-454
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLT25D1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GLT25D1/COLGALT1 Antibody Picoband®
Immunogen:	E.coli-derived human COLGALT1 recombinant protein (Position: A34-D454). Human GLT25D1/COLGALT1 shares 93.6% amino acid (aa) sequence identity with mouse COLGALT1.
Characteristics:	Anti-GLT25D1/COLGALT1 Antibody Picoband® (ABIN7601391). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	GLT25D1
Alternative Name:	COLGALT1 (GLT25D1 Products)
Background:	The protein encoded by this gene is one of two enzymes that transfers galactose moieties to hydroxylysine residues of collagen and mannose binding lectin. This gene is constitutively expressed and encodes a soluble protein that localizes to the endoplasmic reticulum.
Molecular Weight:	85 kDa
Gene ID:	79709
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Baumann, S., Hennet, T. Collagen accumulation in osteosarcoma cells lacking GLT25D1 collagen galactosyltransferase. J. Biol. Chem. 291: 18514-18524, 2016. 2. Hartz, P. A. Personal Communication. Baltimore, Md. June 9, 2017. 3. Liefhebber, J. M. P., Punt, S., Spaan, W. J. M., van Leeuwen, H. C. The human collagen beta(1-O)galactosyltransferase, GLT25D1, is a soluble endoplasmic reticulum localized protein. BMC Cell Biol. 11: 33, 2010. Note: Electronic Article.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.