

Datasheet for ABIN954232
anti-POFUT1 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	POFUT1
Binding Specificity:	AA 351-381, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POFUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 351-381 amino acids from the C-terminal region of human POFUT1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human POFUT1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	POFUT1
Alternative Name:	POFUT1 (POFUT1 Products)

Target Details

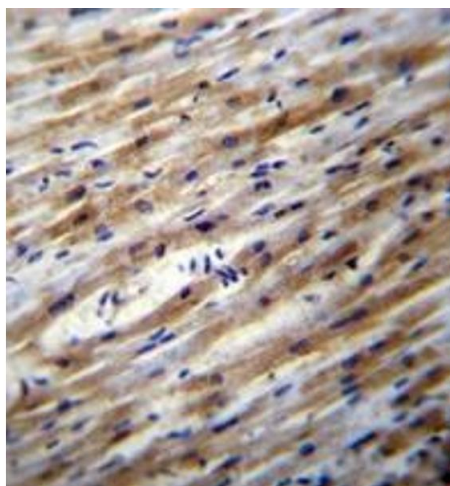
Background:	This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq].Synonyms: FUT12, GDP-fucose protein O-fucosyltransferase 1, KIAA0180, O-FucT-1, Peptide-O-fucosyltransferase 1
Molecular Weight:	43956 Da
Gene ID:	23509
NCBI Accession:	NP_056167
Pathways:	Notch Signaling , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

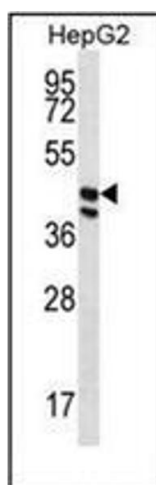
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue reacted with POFUT1 Antibody (C-term) Cat-No AP53375PU-N, which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of POFUT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of POFUT1 Antibody (C-term) Cat-No AP53375PU-N in HepG2 cell line lysates (35ug/lane). This demonstrates the POFUT1 antibody detected the POFUT1 protein (arrow).