

Datasheet for ABIN656675
anti-POFUT1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	POFUT1
Binding Specificity:	AA 344-373, 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))

Product Details

Immunogen:	This POFUT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 344-373 amino acids from the C-terminal region of human POFUT1.
Clone:	RB32435
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POFUT1
Alternative Name:	POFUT1 (POFUT1 Products)
Background:	This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-

Target Details

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].

Molecular Weight: 43956

Gene ID: 23509

NCBI Accession: [NP_056167](#), [NP_758436](#)

UniProt: [Q9H488](#)

Pathways: [Notch Signaling](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

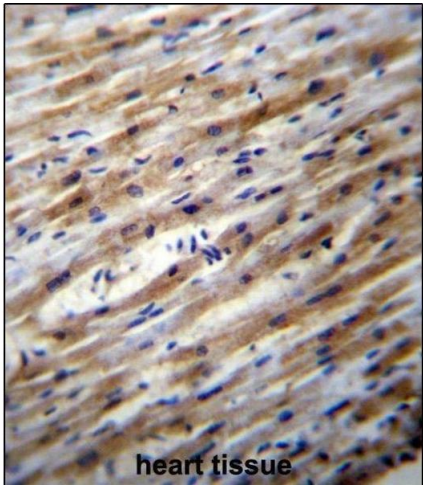
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

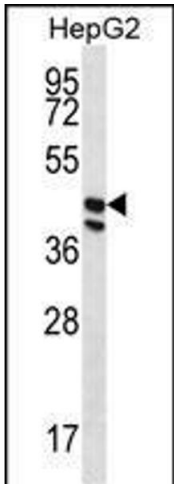
Storage Comment: POFUT1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. POFUT1 Antibody (C-term) (ABIN656675 and ABIN2845914) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of POFUT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. POFUT1 Antibody (C-term) (ABIN656675 and ABIN2845914) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the POFUT1 antibody detected the POFUT1 protein (arrow).