

Product datasheet for **AP53375PU-N**

POFUT1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 351-381 amino acids from the C-terminal region of human POFUT1
Specificity:	This antibody recognizes Human POFUT1 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein O-fucosyltransferase 1
Database Link:	Entrez Gene 23509 Human Q9H488



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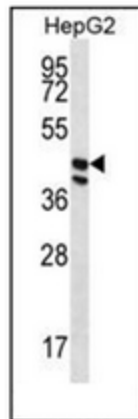
Background: This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq].

Synonyms: FUT12, O-FucT-1, KIAA0180

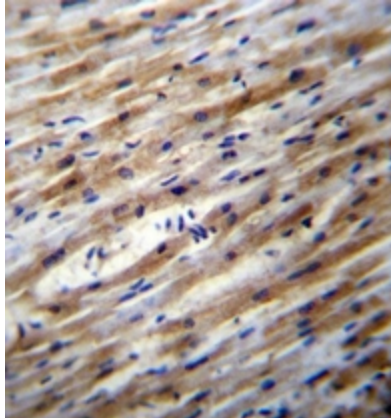
Note: **Molecular Weight:** 43956 Da

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot analysis of POFUT1 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the POFUT1 antibody detected the POFUT1 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue reacted with POFUT1 Antibody (C-term), 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.