

Rabbit anti-Human POFUT1 Polyclonal Antibody | anti-POFUT1 antibody

POFUT1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289481	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

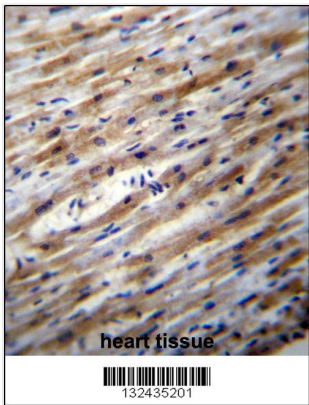
PRODUCT SYNONYMS

POFUT1; Polyclonal Antibody; POFUT1 Antibody (C-term); GDP-fucose protein O-fucosyltransferase 1; Peptide-O-fucosyltransferase 1; O-FucT-1; FUT12; KIAA0180; anti-POFUT1 antibody

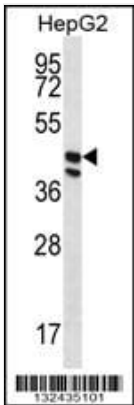
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	344-373
Sequence Length	194
Applicable Applications for anti-POFUT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
POFUT1 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-POFUT1 antibody	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].
Product Categories/Family for anti-POFUT1 antibody	Neuroscience; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Stahl, M., et al. J. Biol. Chem. 283(20):13638-13651(2008) Luo, Y., et al. J. Biol. Chem. 280(12):11289-11294(2005) Shi, S., et al. Proc. Natl. Acad. Sci. U.S.A. 100(9):5234-5239(2003) Panin, V.M., et al. J. Biol. Chem. 277(33):29945-29952(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436889
NCBI GeneID	23509
NCBI Accession #	NP_056167.1; NP_758436.1
NCBI GenBank Nucleotide #	NM_015352.1
UniProt Accession #	Q9H488; Q14685; Q5W185; Q9BW76; A8K4R8; E1P5M4
Molecular Weight	43956
NCBI Official Full Name	GDP-fucose protein O-fucosyltransferase 1 isoform 1
NCBI Official Synonym Full Names	protein O-fucosyltransferase 1
NCBI Official Symbol	POFUT1
NCBI Official Synonym Symbols	DDD2; FUT12; O-FUT; OFUCT1; O-Fuc-T; O-FucT-1
NCBI Protein Information	GDP-fucose protein O-fucosyltransferase 1

UniProt Protein Name	GDP-fucose protein O-fucosyltransferase 1
UniProt Gene Name	POFUT1
UniProt Synonym Gene Names	FUT12; KIAA0180; O-FucT-1
UniProt Entry Name	OFUT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pofut1-antibody-immunohistochemistry-western-blot-elisa/289481>