Rabbit POFUT1 Polyclonal Antibody | anti-POFUT1 antibody

Anti-POFUT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105306	**Rabbit**	**Human, Dog, Monkey, Pig**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

POFUT1; Polyclonal Antibody; Anti-POFUT1 Antibody; FUT12; KIAA0180; GDP-fucose protein O-fucosyltransferase 1; Peptide-O-fucosyltransferase 1; O-FucT-1; anti-POFUT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Dog, Monkey, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of POFUT1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	388
Applicable Applications for anti-POFUT1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human POFUT1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

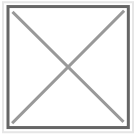
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of POFUT1 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of POFUT1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of POFUT1 expression in K562 (A), HCT116 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-POFUT1 antibody	Rabbit polyclonal antibody to POFUT1

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436889
NCBI GeneID	23509
NCBI Accession #	NP_056167.1
NCBI GenBank Nucleotide #	NM_015352.1
UniProt Accession #	Q9H488; Q14685; Q5W185; Q9BW76; A8K4R8; E1P5M4
Molecular Weight	22,338 Da
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; o-fucosyltransferase protein; peptide-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/pofut1-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105306