

Goat POFUT1 Antibody | anti-POFUT1 antibody

Goat anti-POFUT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61873	Goat	HumanExpected from sequence similarity: Mouse, Rat, Dog, Pig, Cow	Immunohistochemistry, Western Blot, ELISA

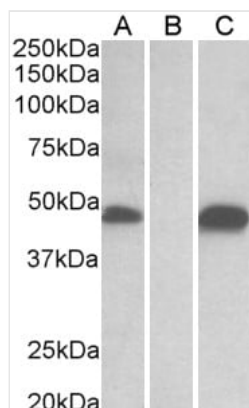
PRODUCT SYNONYMS

POFUT1; Goat anti-POFUT1 Antibody; protein O-fucosyltransferase 1; FUT12; KIAA0180; MGC2482; O-FUT; O-Fuc-T; O-FucT-1; GDP-fucose protein O-fucosyltransferase 1; OTTHUMP00000030583; OTTHUMP00000030584; o-fucosyltransferase protein; peptide-O-fucosyltransferase 1; anti-POFUT1 antibody

PRODUCT SPECIFICATIONS

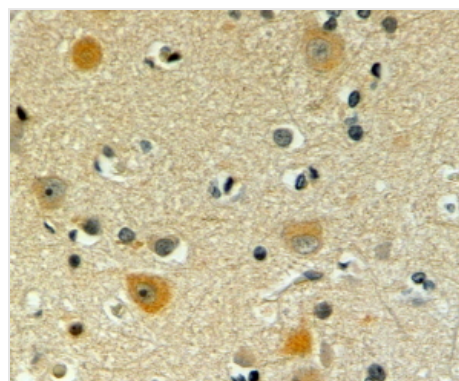
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-POFUT1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-TNLHVSQKYFKLEP, from the internal region of the protein sequence according to NP_056167.1; NP_758436.1.
Epitope	internal region
Notes	This antibody is expected to recognize both reported isoforms (NP_056167.1; NP_758436.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human POFUT1 with C-terminal MYC tag probed with AAA61873 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with AAA61873 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

AAA61873 (2ug/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

ADDITIONAL INFORMATION

References	Stahl M, Uemura K, Ge C, Shi S, Tashima Y, Stanley P.; Roles of Pofut1 and O-fucose in mammalian Notch signaling.; J Biol Chem. 2008 May 16;283(20):13638-51.; PMID: 18347015
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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	43,956 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	FUT12; O-FUT; 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.

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Online datasheet: <https://stage.aaabiotech.com/goat-cow-dog-human-mouse-pig-rat-antibody/pofut1/61873>