

Datasheet for ABIN2788068
anti-POFUT1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	POFUT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POFUT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human POFUT1
Sequence:	RVISLEDFME KLAPTHWPPE KRVAYCFEVA AQRSPDKKTC PMKEGNPFPGP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against POFUT1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	POFUT1
Alternative Name:	POFUT1 (POFUT1 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: FUT12, KIAA0180, MGC2482, O-FUT, O-Fuc-T, O-FucT-1</p> <p>Protein Interaction Partner: UBC, NEDD8, FBXO6, AKT2, NNT, H2AFX, DLL1, JAG1, NOTCH1,</p> <p>Protein Size: 388</p>
Molecular Weight:	41 kDa
Gene ID:	23509
NCBI Accession:	NM_015352 , NP_056167
UniProt:	Q6EV69
Pathways:	Notch Signaling , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 388 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-POFUT1 Antibody Titration:
0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: PANC1 cell lysate

Western Blotting

Image 2. WB Suggested Anti-POFUT1
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: PANC1 cell lysate

POFUT1 is strongly supported by BioGPS gene expression data to be expressed in Human PANC1 cells