

O-FucT-1 rabbit pAb**Cat#: orb768225 (Manual)**

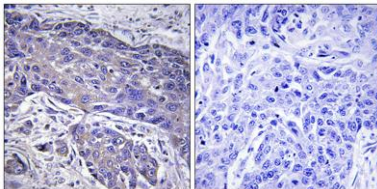
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Product Name	O-FucT-1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human POFUT1. AA range:331-380
Specificity	O-FucT-1 Polyclonal Antibody detects endogenous levels of O-FucT-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	GDP-fucose protein O-fucosyltransferase 1
Gene Name	POFUT1
Cellular localization	Endoplasmic reticulum .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

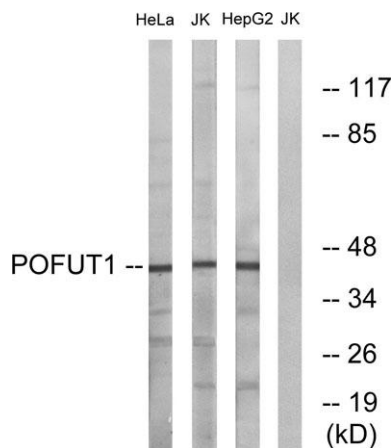
Concentration	1 mg/ml
Observed band	44kD
Human Gene ID	23509
Human Swiss-Prot Number	Q9H488
Alternative Names	POFUT1; FUT12; KIAA0180; GDP-fucose protein O-fucosyltransferase 1; Peptide-O-fucosyltransferase 1; O-FucT-1

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, Jul 2008],



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using POFUT1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, HeLa, and HepG2 cells, using POFUT1 Antibody. The lane on the right is blocked with the synthesized peptide.



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