

产品名称: O-FucT-1 Rabbit Polyclonal Antibody
产品货号: APRab15116



产品概述 (Summary)

产品名称 (Production Name)	O-FucT-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	POFUT1
别名 (Alternative Names)	POFUT1; FUT12; KIAA0180; GDP-fucose protein O-fucosyltransferase 1; Peptide-O-fucosyltransferase 1; O-FucT-1
基因 ID (Gene ID)	23509.0
蛋白 ID (SwissProt ID)	Q9H488.The antiserum was produced against synthesized peptide derived from human POFUT1. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	44kDa

产品名称: O-FucT-1 Rabbit Polyclonal Antibody
产品货号: AP Rab15116



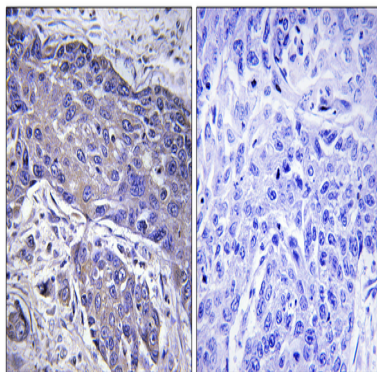
研究背景 (Background)

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], catalytic activity: Transfers an alpha-L-fucosyl residue from GDP-beta-L-fucose to the serine hydroxy group of a protein acceptor., cofactor: Manganese., function: Catalyzes the reaction that attaches fucose through an O-glycosidic linkage to a conserved serine or threonine residue in EGF domains. Plays a crucial role in Notch signaling., online information: GlycoGene database, online information: Peptide-O-fucosyltransferase 1, pathway: Protein modification; protein glycosylation., similarity: Belongs to the glycosyltransferase 68 family., tissue specificity: Highly expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.,

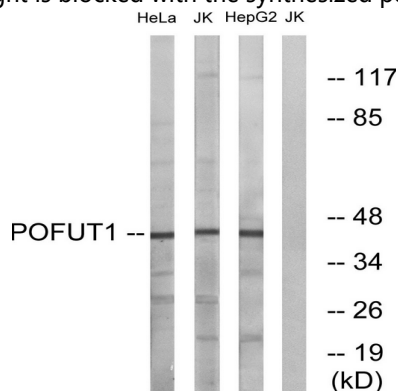
研究领域 (Research Area)

Neuroscience; Neurology process; Notch Pathway; Stem Cells; Signaling Pathways; Notch; Cytoplasmic; Signal Transduction; Antibodies; New products Recombinant

图片 (Image Data)



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



产品名称: O-FucT-1 Rabbit Polyclonal Antibody
产品货号: APRab15116



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.

注意事项 (Note)

For research use only .