

## O-FucT-2 rabbit pAb

Cat No.: ES5326

For research use only

## Overview

Product Name O-FucT-2 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human POFUT2. AA

range:361-410

**Specificity** O-FucT-2 Polyclonal Antibody detects endogenous

levels of O-FucT-2 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 2

Gene Name POFUT2

**Cellular localization** Endoplasmic reticulum . Golgi apparatus . Mainly

located in the 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** 

Human Gene ID 23275 Human Swiss-Prot Number Q9Y2G5

Alternative Names POFUT2; C21orf80; FUT13; KIAA0958; GDP-fucose

protein O-fucosyltransferase 2;

Peptide-O-fucosyltransferase 2; O-FucT-2

**Background** Fucose is typically found as a terminal modification

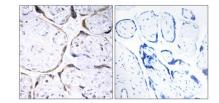
of branched chain glycoconjugates, but it also exists in direct O-linkage to serine or threonine residues within cystine knot motifs in epidermal growth





factor (EGF; MIM 131530)-like repeats or thrombospondin (THBS; see MIM 188060) type-1 repeats. POFUT2 is an O-fucosyltransferase that use THBS type-1 repeats as substrates (Luo et al., 2006 [PubMed 16464857]).[supplied by OMIM, Mar 2008],

Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using POFUT2 Antibody. The picture on the right is blocked with the synthesized peptide.



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