

O-FucT-2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06341
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human POFUT2. AA range:361-410
Mol wt	49976
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	O-FucT-2 Antibody
Synonyms	POFUT2; C21orf80; FUT13; KIAA0958; GDP-fucose protein O-fucosyltransferase 2; Peptide-O-fucosyltransferase 2; O-FucT-2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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]).

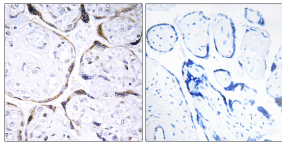
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year