

Datasheet for ABIN656784
anti-POFUT2 antibody (AA 228-257)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	POFUT2
Binding Specificity:	AA 228-257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This POFUT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-257 amino acids from the Central region of human POFUT2.
Clone:	RB32633
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POFUT2
Alternative Name:	POFUT2 (POFUT2 Products)
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

Target Details

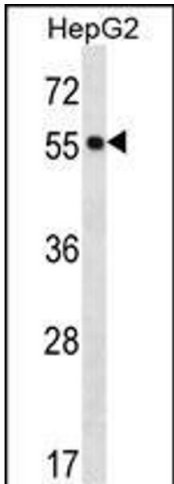
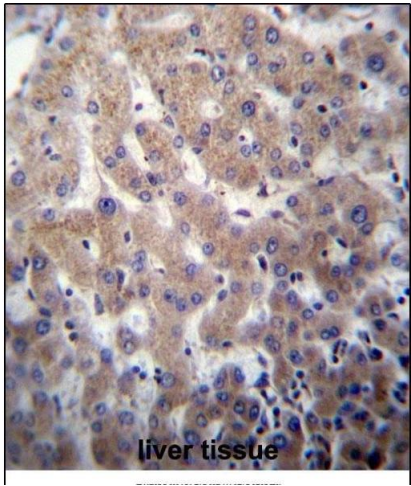
	188060) type-1 repeats. POFUT2 is an O-fucosyltransferase that use THBS type-1 repeats as substrates (Luo et al., 2006 [PubMed 16464857]).
Molecular Weight:	49976
Gene ID:	23275
NCBI Accession:	NP_056042 , NP_598368
UniProt:	Q9Y2G5

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	POFUT2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. POFUT2 Antibody (Center) (ABIN656784 and ABIN2846002) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of POFUT2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. POFUT2 Antibody (Center) (ABIN656784 and ABIN2846002) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the POFUT2 antibody detected the POFUT2 protein (arrow).