

## Product datasheet for **AP53376PU-N**

### POFUT2 (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 235-265 amino acids from the Central region of human POFUT2
Specificity:	This antibody recognizes Human POFUT2 (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	protein O-fucosyltransferase 2
Database Link:	<a href="#">Entrez Gene 23275 Human Q9Y2G5</a>



[View online »](#)

**Background:**

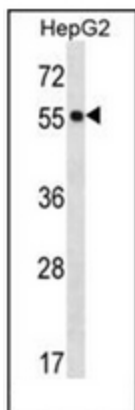
Fucose is typically found as a terminal modification of branched chain glycoconjugates, but it also exists in direct O-linkage to serine or threonine residues within cystine knot motifs in epidermal growth factor (EGF; MIM 131530)-like repeats or thrombospondin (THBS; see MIM 188060) type-1 repeats. POFUT2 is an O-fucosyltransferase that use THBS type-1 repeats as substrates (Luo et al., 2006 [PubMed 16464857]).

**Synonyms:**

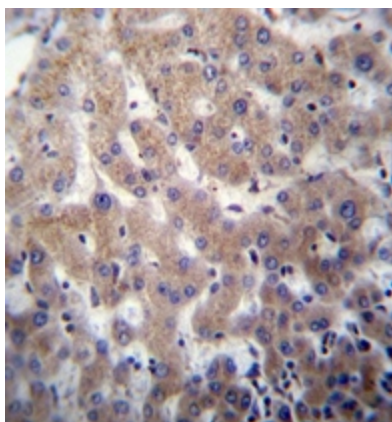
C21orf80, FUT13, KIAA0958, O-FucT-2

**Note:**

**Molecular Weight:** 49976 Da

**Product images:**

Western blot analysis of POFUT2 Antibody (Center) in HepG2 cell line lysates (35ug/lane). This demonstrates the POFUT2 antibody detected the POFUT2 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue reacted with POFUT2 Antibody (Center), which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of POFUT2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.