

Protein O-Fucosyltransferase 2 (POFUT2) Antibody

Catalogue No.:abx027060





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]).

| Target: | Protein O-Fucosyltransferase 2 (POFUT2) |
|------------------------|---|
| Clonality: | Polyclonal |
| Reactivity: | Human |
| Tested Applications: | ELISA, WB, IHC |
| Host: | Rabbit |
| Recommended dilutions: | WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | KLH-conjugated synthetic peptide between 228-257 amino acids from the Central region of human POFUT2. |
| lsotype: | lgG |

Datasheet Version: 4.0.0 Revision date: 17 Aug 2025



| Form: | Liquid |
|---------------------|--|
| Purification: | Purified through a protein A column, followed by peptide affinity purification. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q9Y2G5 (<u>UniProt</u> , <u>ExPASy</u>) |
| Gene Symbol: | POFUT2 |
| String: | <u>9606.ENSP00000339613</u> |
| Molecular Weight: | Calculated MW: 50 kDa |
| Buffer: | PBS containing 0.09% sodium azide. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |