

## O-FucT-2 Rabbit pAb

CatalogNo: YT3238

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- IHC, IF, ELISA

#### MW

- 50kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:20000

IF 1:50-200

### Storage

#### Storage\*

-15°C to -25°C/1 year (Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### 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.

### Target Information

**Gene name** POFUT2

**Protein Name** GDP-fucose protein O-fucosyltransferase 2

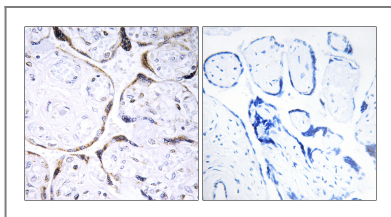
Organism	Gene ID	UniProt ID
Human	<a href="#">23275;</a>	<a href="#">Q9Y2G5;</a>
Mouse	<a href="#">80294;</a>	<a href="#">Q8VHI3;</a>

**Cellular Localization** Endoplasmic reticulum . Golgi apparatus . Mainly located in the endoplasmic reticulum. .

**Tissue specificity** Isoform A is expressed in fetal liver and peripheral blood lymphocytes. Isoform B is expressed in spleen, lung, testis, bone marrow, thymus, pancreas, prostate, fetal brain, fetal liver and fetal kidney. Isoform C is expressed in brain, heart, spleen, liver, lung, stomach, testis, placenta, skin, thymus, pancreas, mammary gland, prostate, fetal brain, fetal liver and fetal heart.

**Function** Catalytic activity:Transfers an alpha-L-fucosyl residue from GDP-beta-L-fucose to the serine hydroxy group of a protein acceptor.,Function:Catalyzes the reaction that attaches fucose through an O-glycosidic linkage to a conserved serine or threonine residue in thrombospondin type 1 repeats.,online information:GlycoGene database,online information:Peptide-O-fucosyltransferase 2,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 68 family.,tissue specificity:Isoform A is expressed in fetal liver and peripheral blood lymphocytes. Isoform B is expressed in spleen, lung, testis, bone marrow, thymus, pancreas, prostate, fetal brain, fetal liver and fetal kidney. Isoform C is expressed in brain, heart, spleen, liver, lung, stomach, testis, placenta, skin, thymus, pancreas, mammary gland, prostate, fetal brain, fetal liver and fetal heart.,

## Validation Data



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

## Contact information

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