

## Product datasheet for **TA302288**

### FUCA2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This FUCA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-167 amino acids from the N-terminal region of human FUCA2.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54061 Da
Gene Name:	fucosidase, alpha-L- 2, plasma
Database Link:	<a href="#">NP_114409</a> <a href="#">Entrez Gene 2519 Human</a> <a href="#">Q9BTY2</a>
Background:	Alpha-L-fucosidase catalyzes the hydrolysis of terminal alpha-L-fucosidase linkages in glycosphingolipids and glycoproteins. At least 2 separate polymorphic alpha-L-fucosidases are recognized in man. The FUCA2 locus regulates the level of alpha-fucosidase in plasma and fibroblasts but not in leukocytes. In fucosidosis, deficiency of alpha-L-fucosidase is found in both plasma and leukocytes.
Synonyms:	dj20N2.5

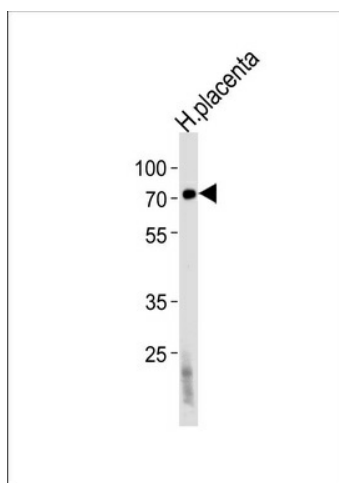


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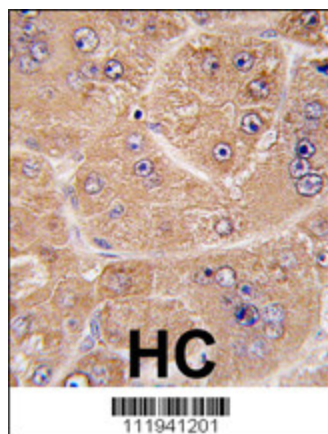
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Other glycan degradation

### Product images:



Western blot analysis of lysate from human placenta tissue lysate, using FUCA2 Antibody (N-term) (Cat. #TA302288). TA302288 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with FUCA2 antibody (N-term) (Cat.#TA302288), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.