

Rabbit anti-Human FUCA2 Polyclonal Antibody | anti-FUCA2 antibody

FUCA2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287166	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

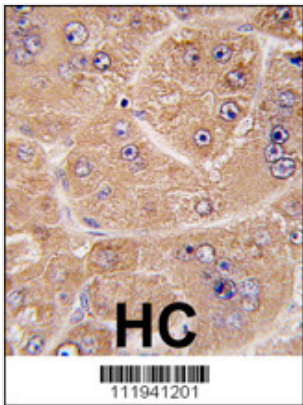
PRODUCT SYNONYMS

FUCA2; Polyclonal Antibody; FUCA2 Antibody (N-term); Plasma alpha-L-fucosidase; Alpha-L-fucoside fucohydrolase 2; Alpha-L-fucosidase 2; anti-FUCA2 antibody

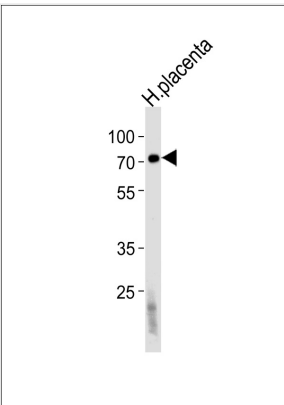
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	138-167
Sequence Length	165
Applicable Applications for anti-FUCA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with FUCA2 antibody (N-term) , 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.



WB (Western Blot)
Western blot analysis of lysate from human placenta tissue lysate, using FUCA2 Antibody (N-term). AAA287166 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.

ADDITIONAL INFORMATION

Related Product Information for anti-FUCA2 antibody	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.
Product Categories/Family for anti-FUCA2 antibody	Metabolism; Signal Transduction
References	Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Eiberg, H., et al., Clin. Genet. 26(1):23-29 (1984).

NCBI AND UNIPROT INFORMATION

NCBI GI #	40068512
NCBI GeneID	2519
NCBI Accession #	NP_114409.2
NCBI GenBank Nucleotide #	NM_032020.4
UniProt Accession #	Q9BTY2; Q7Z6V1; Q7Z6Y2; Q8NBK4; E9PEB6
Molecular Weight	54067
NCBI Official Full Name	plasma alpha-L-fucosidase
NCBI Official Synonym Full Names	fucosidase, alpha-L- 2, plasma
NCBI Official Symbol	FUCA2
NCBI Official Synonym Symbols	dJ20N2.5
NCBI Protein Information	plasma alpha-L-fucosidase
UniProt Protein Name	Plasma alpha-L-fucosidase
UniProt Gene Name	FUCA2
UniProt Synonym Gene Names	Alpha-L-fucosidase 2
UniProt Entry Name	FUCO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fuca2-antibody-western-blot-immunohistochemistry-elisa/287166>