

Datasheet for ABIN391985
anti-FUCA2 antibody (N-Term)[Go to Product page](#)

2 Images

2 Publications

Overview

Quantity:	400 µL
Target:	FUCA2
Binding Specificity:	AA 138-167, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUCA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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.
Clone:	RB11941
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	FUCA2
Alternative Name:	FUCA2 (FUCA2 Products)

Target Details

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.

Molecular Weight: 54067

Gene ID: 2519

NCBI Accession: [NP_114409](#)

UniProt: [Q9BTY2](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

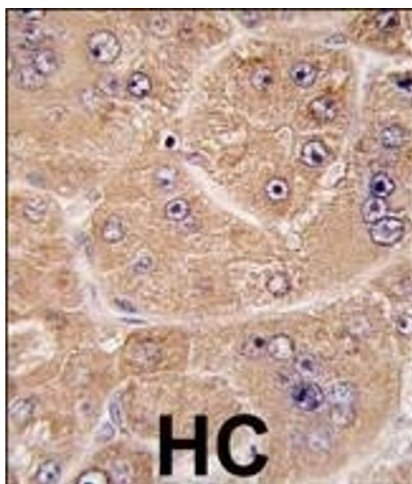
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

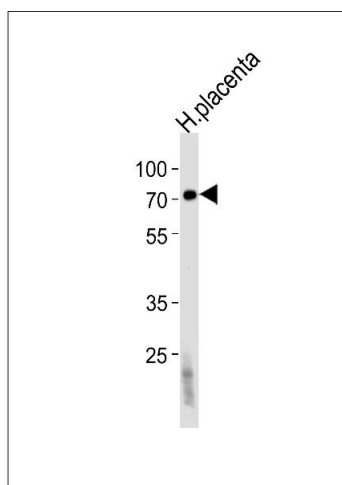
Publications

Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with FUCA2 antibody (N-term) (ABIN391985 and ABIN2841774), 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.



Western Blotting

Image 2. Western blot analysis of lysate from human placenta tissue lysate, using FUCA2 Antibody (N-term) (ABIN391985 and ABIN2841774). (ABIN391985 and ABIN2841774) 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 35 µg per lane.