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Datasheet for ABIN359872

## anti-FUCA2 antibody (N-Term)

### 2 Images

#### Overview

Quantity:	0.4 mL
Target:	FUCA2
Binding Specificity:	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)), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human FUCA2.
Isotype:	Ig Fraction
Specificity:	This antibody detects FUCA2 at N-term.
Purification:	Protein A Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

#### Target Details

Target:	FUCA2
Alternative Name:	alpha-L-Fucosidase 2 ( <a href="#">FUCA2 Products</a> )

## Target Details

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**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: Alpha-L-fucoside fucohydrolase 2, FUCA2, PSEC0151, Plasma alpha-L-fucosidase

**Gene ID:** 2519, 9606

**UniProt:** [Q9BTY2](#)

## Application Details

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**Application Notes:** ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/10-1/50.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS with 0.09 % (W/V) Sodium Azide as preservative.

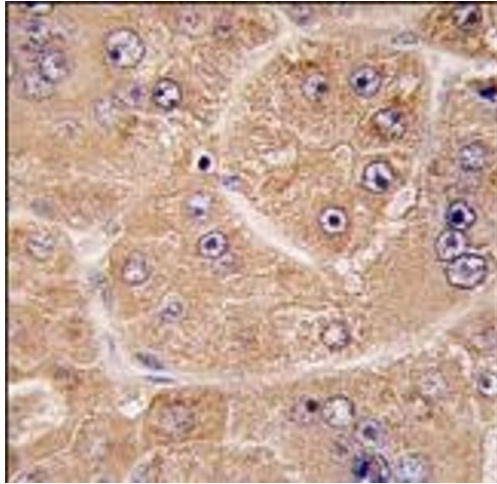
**Preservative:** Sodium azide

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

**Handling Advice:** Avoid repeated freezing and thawing.

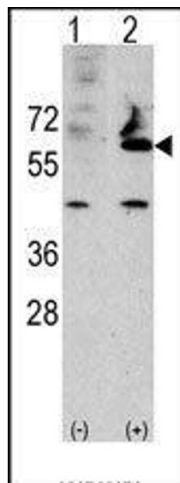
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with FUCA2 antibody (N-term) (Cat#AP14356PU-N), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



### Western Blotting

**Image 2.** Western blot analysis of FUCA2 (arrow) using rabbit polyclonal FUCA2 Antibody