

Datasheet for ABIN453036

anti-FUCA1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	FUCA1
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUCA1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human FUCA1
Specificity:	This antibody detects FUCA1 at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	FUCA1
Alternative Name:	alpha-L-Fucosidase 1 (FUCA1 Products)
Background:	FUCA1 is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids. Mutations in this gene are associated with fucosidosis (FUCA1D), which is an

Target Details

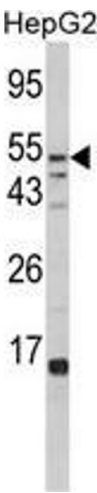
	autosomal recessive lysosomal storage disease. A pseudogene of this locus is present on chr 2.Synonyms: Alpha-L-fucosidase I, Alpha-L-fucoside fucohydrolase, FUCA1, Nbla10230, Tissue alpha-L-fucosidase
Molecular Weight:	53689 Da
Gene ID:	2517
NCBI Accession:	NP_000138
UniProt:	P04066
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.31 % (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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of FUCA1 Antibody (Center) in HepG2 cell line lysates (35 µg/lane). FUCA1 (arrow) was detected using the purified Pab.