

Datasheet for ABIN633859 **anti-FUCA1 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	FUCA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUCA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	FUCA1 antibody was raised using the N terminal of FUCA1 corresponding to a region with amino acids PSPVSWNWNSKDVGPHRDLVGELGTALRKRNI RYGLYHSLLEWFHPLYLL
Specificity:	FUCA1 antibody was raised against the N terminal of FUCA1
Purification:	Affinity purified

Target Details

Target:	FUCA1
Alternative Name:	FUCA1 (FUCA1 Products)
Background:	Alpha-L-fucosidase (EC 3.2.1.51) is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids. At least 2 separate polymorphic alpha-L-fucosidases are recognised in man: that in tissues, FUCA1, which is deficient in fucosidosis, and that in

Target Details

plasma, FUCA2. Fucosidosis is an autosomal recessive lysosomal storage disease caused by defective alpha-L-fucosidase with accumulation of fucose in the tissues. Different phenotypes include clinical features such as neurologic deterioration, growth retardation, visceromegaly, and seizures in a severe early form, coarse facial features, angiokeratoma corporis diffusum, spasticity and delayed psychomotor development in a longer surviving form, and an unusual spondylometaphyseal dysplasia in yet another form.

Molecular Weight: 54 kDa (MW of target protein)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: FUCA1 Blocking Peptide, catalog no. 33R-7363, is also available for use as a blocking control in assays to test for specificity of this FUCA1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FUCA1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. FUCA1 antibody used at 1 ug/ml to detect target protein.