

Anti-Filamin A FLNA Rabbit Monoclonal Antibody

Catalog # ABO13955

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P21333
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Filamin A FLNA Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

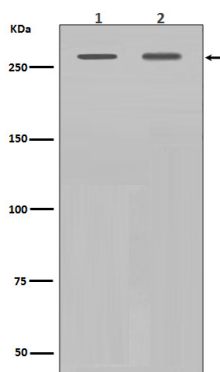
Additional Information

Gene ID	2316
Other Names	Filamin-A, FLN-A, Actin-binding protein 280, ABP-280, Alpha-filamin, Endothelial actin-binding protein, Filamin-1, Non-muscle filamin, FLNA, FLN, FLN1
Calculated MW	280739
Application Details	WB 1:1000-1:2000 IHC 1:50-1:100 ICC/IF 1:50-1:100 FC 1:50
Subcellular Localization	Cytoplasm, cell cortex. Cytoplasm, cytoskeleton.
Tissue Specificity	Ubiquitous.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AHF-6
Immunogen	A synthesized peptide derived from human Filamin A
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	FLNA
Synonyms	FLN, FLN1
Function	Promotes orthogonal branching of actin filaments and links actin filaments to membrane glycoproteins. Anchors various transmembrane proteins to the actin cytoskeleton and serves as a scaffold for a wide range of cytoplasmic signaling proteins. Interaction with FLNB may allow neuroblast migration from the ventricular zone into the cortical plate. Tethers cell surface- localized furin, modulates its rate of internalization and directs its intracellular trafficking (By similarity). Involved in ciliogenesis. Plays a role in cell-cell contacts and adherens junctions during the development of blood vessels, heart and brain organs. Plays a role in platelets morphology through interaction with SYK that regulates ITAM- and ITAM-like-containing receptor signaling, resulting in by platelet cytoskeleton organization maintenance (By similarity). During the axon guidance process, required for growth cone collapse induced by SEMA3A-mediated stimulation of neurons (PubMed: 25358863).
Cellular Location	Cytoplasm, cell cortex. Cytoplasm, cytoskeleton {ECO:0000250 UniProtKB:Q8BTM8}. Perikaryon {ECO:0000250 UniProtKB:Q8BTM8}. Cell projection, growth cone {ECO:0000250 UniProtKB:Q8BTM8}. Cell projection, podosome {ECO:0000250 UniProtKB:Q8BTM8}. Note=Colocalizes with CPMR1 in the central region of DRG neuron growth cone (By similarity). Following SEMA3A stimulation of DRG neurons, colocalizes with F-actin (By similarity). Localized to the core of myotube podosomes (By similarity). {ECO:0000250 UniProtKB:Q8BTM8}
Tissue Location	Ubiquitous.

Images



Western blot analysis of Filamin A expression in (1) NIH/3T3 cell lysate;(2) Hela cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.