

**Filamin A Rabbit mAb**  
Catalog # AP77421**Specification****Filamin A Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P21333</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	280739

**Filamin A Rabbit mAb - Additional Information****Gene ID** 2316**Other Names**

FLNA

**Dilution**

WB~~1/500-1/1000

**Format**

Liquid

**Filamin A Rabbit mAb - 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:<a href="http://www.uniprot.org/citations/25358863" target="\_blank">25358863</a>).

**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.

#### Filamin A Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Filamin A Rabbit mAb - Images

