

Product datasheet for **AM31790PU-N**

Filamin A (FLNA) Mouse Monoclonal Antibody [Clone ID: 4E10-1B2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4E10-1B2
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/500 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	FLNA antibody was raised against FLNA (AAH14654, 1 a.a. ~ 839 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to FLNA / FMD.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	filamin A
Database Link:	Entrez Gene 2316 Human P21333



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Background:

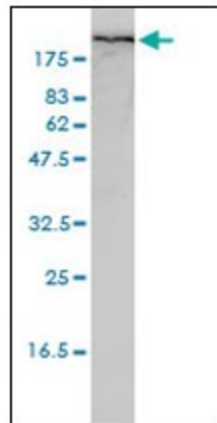
Promotes orthogonal branching of actin filaments and links actin filaments to membrane glycoproteins. Anchors various transmembrane proteins to the actin cytoskeleton and serves as a scaffold for a wide range of cytoplasmic signaling proteins. Interaction with FLNA may allow neuroblast migration from the ventricular zone into the cortical plate. Tethers cell surface-localized furin, modulates its rate of internalization and directs its intracellular trafficking.

Synonyms:

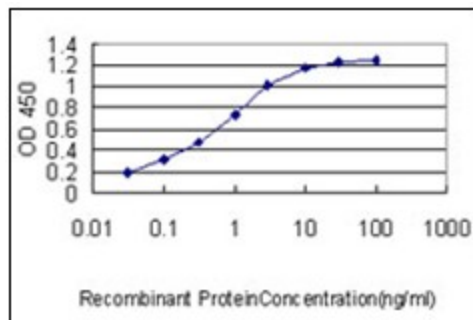
Alpha-filamin, Filamin-1, Non-muscle filamin, FLNA, FLN, FLN1

Protein Pathways:

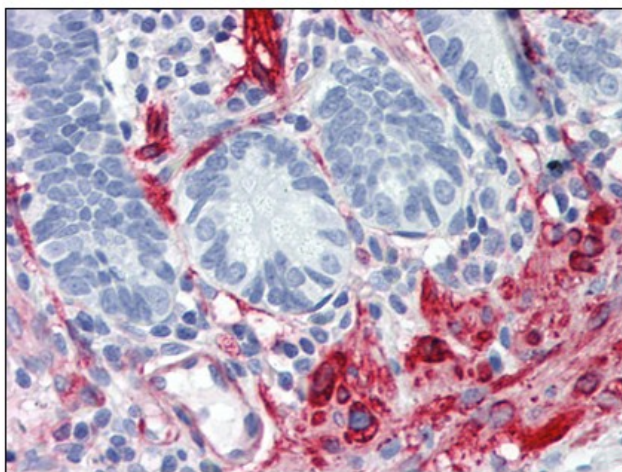
Focal adhesion, MAPK signaling pathway

Product images:


Western Blot analysis of FLNA expression in HL-60 cell lysate.



Detection limit for recombinant GST tagged FLNA is approximately 0.03ng/ml as a capture antibody.



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)