

Rabbit FLNA Polyclonal Antibody | anti-FLNA antibody

FLNA Antibody (Y1046)

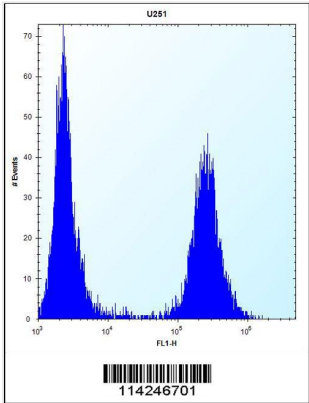
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284568	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

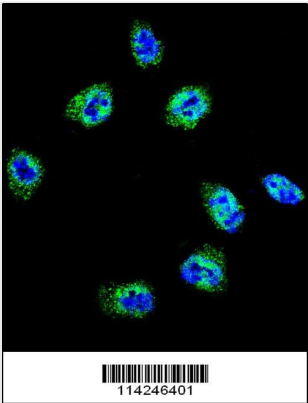
FLNA; Polyclonal Antibody; FLNA Antibody (Y1046); Filamin-A; FLN-A; Actin-binding protein 280; ABP-280; Alpha-filamin; Endothelial actin-binding protein; Filamin-1; Non-muscle filamin; FLN; FLN1; anti-FLNA antibody

PRODUCT SPECIFICATIONS

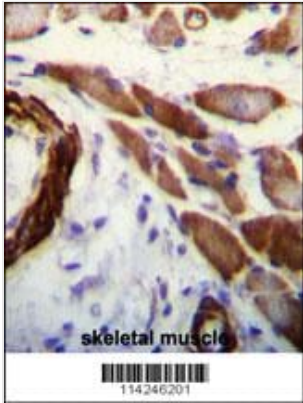
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FLNA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1025-1054 amino acids from human FLNA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	1025-1054
Sequence Length	2647
Applicable Applications for anti-FLNA antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



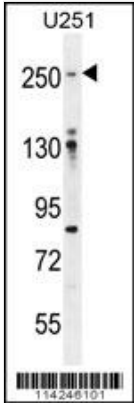
FCM/FACS (Flow Cytometry)
FLNA Antibody (Y1046) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of FLNA Antibody (Y1046) with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)
FLNA Antibody (Y1046) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FLNA Antibody (Y1046) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FLNA Antibody (Y1046) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the FLNA antibody detected the FLNA protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FLNA antibody	Actin-binding protein 280, or filamin, is a 280-kD protein that crosslinks actin filaments into orthogonal networks in cortical cytoplasm and participates in the anchoring of membrane proteins for the actin cytoskeleton. Remodeling of the cytoskeleton is central to the modulation of cell shape and migration. Filamin A, encoded by the FLNA gene, is a widely expressed protein that regulates reorganization of the actin cytoskeleton by interacting with integrins, transmembrane receptor complexes, and second messengers.
Product Categories/Family for anti-FLNA antibody	Signal Transduction
References	Ravid,D., Exp. Cell Res. 314 (15), 2762-2773 (2008) Maceyka,M., Mol. Cell. Biol. 28 (18), 5687-5697 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	160420317
NCBI GeneID	2316
NCBI Accession #	NP_001104026.1; NP_001447.2
NCBI GenBank Nucleotide #	NM_001110556.1

UniProt Accession #	P21333; Q5HY53; Q5HY55; Q8NF52; E9KL45
Molecular Weight	280739
NCBI Official Full Name	filamin-A isoform 2
NCBI Official Synonym Full Names	filamin A, alpha
NCBI Official Symbol	FLNA
NCBI Official Synonym Symbols	FLN; FMD; MNS; OPD; ABPX; CSBS; CVD1; FLN1; NHBP; OPD1; OPD2; XLVD; XMVD; FLN-A; ABP-280
NCBI Protein Information	filamin-A
UniProt Protein Name	Filamin-A
UniProt Gene Name	FLNA
UniProt Synonym Gene Names	FLN; FLN1; FLN-A; ABP-280
UniProt Entry Name	FLNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/flna-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/284568>