

Rabbit Filamin A Polyclonal Antibody | anti-FLNA antibody

Filamin A Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28331	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

Filamin A; Polyclonal Antibody; Filamin A Rabbit pAb; FLNA; ABP-280; ABPX; CSBS; CVD1; FLN; FLN-A; FLN1; FMD; MNS; NHBP; OPD; OPD1; OPD2; XLVD; XMVD; filamin-A; anti-FLNA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	KYGGPYHIGG SPFKAKVTGP RLVSNSLHE TSSVFVDSL TATCAPQHGA PGPGPADASK VVAKGLGLSK AYVGQKSSFT VDCSKAGNNM LLGVVHGPR TCEEILVKHV GSRLYSVSYL LKDKGEYTLV VKWGDEHIPG SPYRVVVP
Applicable Applications for anti-FLNA antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 2500 to the C-terminus of human Filamin A (NP_001104026.1).
Cellular Location	Cytoplasm, cell cortex, cytoskeleton
Positive Samples	Jurkat, HeLa, NIH/3T3, 293T, U-251MG, Mouse lung
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using Filamin A antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Filamin A antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

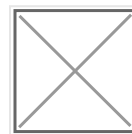
Immunofluorescence analysis of HeLa cells using Filamin A antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse spleen using Filamin A antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human breast cancer using Filamin A antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat heart using Filamin A antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-FLNA antibody	Background: The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-FLNA antibody	Epigenetics & Nuclear Signaling ; RNA Binding ; Research ; Protein phosphorylation ; Research ; Signal Transduction ; MAPK-Erk Signaling Pathway ; Research ; Cell Biology & Developmental Biology ; Cytoskeleton ; Microfilaments ; Research ; Cell Biology & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	160420317
NCBI GeneID	2316
NCBI Accession #	NP_001104026.1
NCBI GenBank Nucleotide #	NM_001110556.1
UniProt Accession #	P21333; Q5HY53; Q5HY55; Q8NF52; E9KL45
Molecular Weight	280,739 Da
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; filamin-1; alpha-filamin; non-muscle filamin; actin binding protein 280; endothelial actin-binding protein
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.

