# Filamin A Rabbit mAb

Catalog No.: A3738 Recombinant 4 Publications



### **Basic Information**

#### **Observed MW**

281kDa

### **Calculated MW**

281kDa

## Category

Primary antibody

## **Applications**

WB,ELISA

### **Cross-Reactivity**

Human, Mouse

#### CloneNo number

ARC0242

## **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.

## **Recommended Dilutions**

**WB** 1:1000 - 1:6000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**2316

Swiss Prot
P21333

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

FLN; FMD; MNS; OPD; ABPX; CSBS; CVD1; FGS2; FLN1; NHBP; OPD1; OPD2; XLVD; XMVD; FLN-A; ABP-280; Filamin A

## **Contact**

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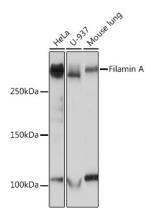
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using Filamin A Rabbit mAb (A3738) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.