Anti-Phospho-Filamin A (Ser1083) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014169

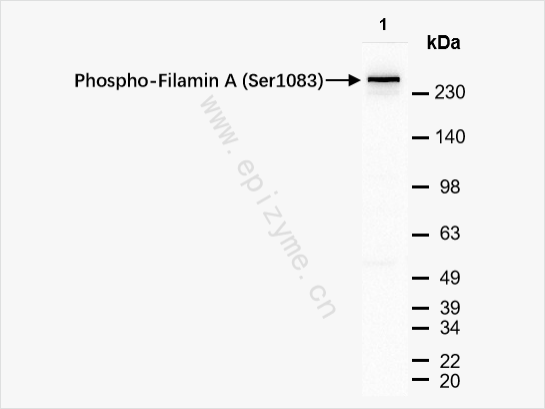
Product Information

Application	ELISA, WB
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	46A84R59
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser1083 of human Filamin A
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Filamin A (Ser1083) Rabbit mAb [46A84R59] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ABP 280, ABP-280, Actin-binding protein 280, Alpha filamin, Alpha-filamin, APBX, CSBS, CVD1, Endothelial actin binding protein, Endothelial actin-binding protein, Filamin 1, Filamin A alpha, Filamin A, Filamin-1, Filamin-A, FLN, FLN-A, FLN1, FLNA, FLNA_HUMAN, FMD, MNS, NHBP, Non muscle filamin, Non-muscle filamin, OPD, OPD1, OPD2, XLVD, XMVD.
Calculated MW	Calculated MW: 281 kDa; Observed MW: 281 kDa
Uniprot ID	P21333
Gene ID	2316
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.[provided by RefSeq, Mar 2009]
Cellular Location	Cytoplasm > cell cortex. Cytoplasm > cytoskeleton.
Tissue Location	Ubiquitous.

Validation Images



Western Blot - Anti-Phospho-Filamin A (Ser1083) Rabbit mAb [46A84R59]
All lanes: R014169 at 1:1,000 dilution
Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysate
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 281 kDa
Observed band size: 281 kDa
Developed using the ECL technique (Cat. No. SQ201).