



Filamin 1 (phospho Ser2152) rabbit pAb

Cat No.:ES1471

For research use only

Overview

Product Name	Filamin 1 (phospho Ser2152) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Filamin A around the phosphorylation site of Ser2152. AA range:2121-2170
Specificity	Phospho-Filamin 1 (S2152) Polyclonal Antibody detects endogenous levels of Filamin 1 protein only when phosphorylated at S2152.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Filamin-A
Gene Name	FLNA
Cellular localization	Cytoplasm, cell cortex . Cytoplasm, cytoskeleton . Perikaryon . Cell projection, growth cone . Colocalizes with CPMR1 in the central region of DRG neuron growth cone (By similarity). Following SEMA3A stimulation of DRG neurons, colocalizes with F-actin (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	280kD
Human Gene ID	2316
Human Swiss-Prot Number	P21333

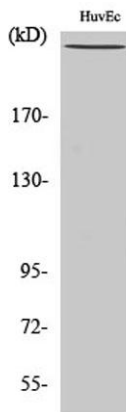




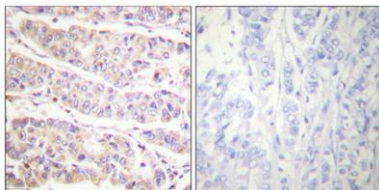
Alternative Names

Background

FLNA; FLN; FLN1; Filamin-A; FLN-A; Actin-binding protein 280; ABP-280; Alpha-filamin; Endothelial actin-binding protein; Filamin-1; Non-muscle filamin filamin A (FLNA) Homo sapiens 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],

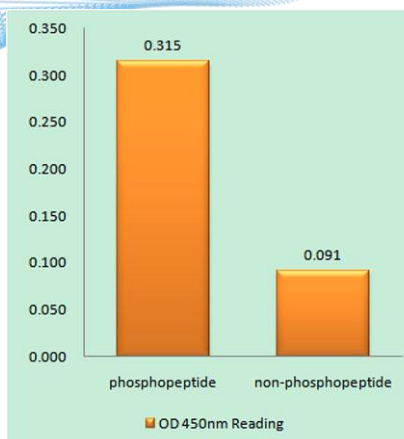


Western Blot analysis of various cells using Phospho-Filamin 1 (S2152) Polyclonal Antibody diluted at 1:2000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4^o overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.





Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Filamin A (Phospho-Ser2152) Antibody

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Filamin A (Phospho-Ser2152) Antibody. The picture on the right is blocked with the phospho peptide.

