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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FLNA monoclonal antibody (M02), clone 3B6-1D10

Catalog # : H00002316-M02

規格 : [100 ug]

List All

Specification

Product Description: Mouse monoclonal antibody raised against a full-length recombinant FLNA.

Immunogen: FLNA (AAH14654, 1 a.a. ~ 838 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

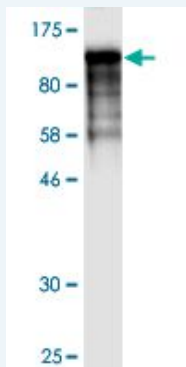
Sequence: MPSGKVAQPTITDNKDGTVTVRYAPSEAGLHEMDIRYDNMHIPGSPLQF YVDYVNCGHVTAYGPGLTHGVWNKPATFTVNTKDAGEGGLSLAIEGPSK AEISCTDNQDGTCSVSYLPVLPDYSILVKYNEQHVPGSPFTARVTGDD SMRMSHLKVGSAADIPINISSETDLSELLTATVPPSGREEPCLLKRLRNGHV GISFVPKETGEHLVHVKKNGQHVASSPIVVISQSEIGDASRVRVSGQGLH EGHTFEPAEFIIDTRDAGYGGLSLSIEGPSKVDINTEDLEDGTCTRVTYCPT EPGNYIINIKFADQHVPGPSFVSVKVTGEGRVKESITRRRRAPSVANVGS HC DLCLKIPEISIQDMTAQVTPSPSGKTHEAEIVEGENHTYCIKRFVPAEMGHTV SVKYKQGHVPGSPFQFTVGPLGEGGAHKVRAGGPGLERAEAGVPAEF SIWTR EAGAGGLAIAVEGSPKAEISFEDRKDGSCGVAYVWQEPGDYEVS VKFNEEHIPDSPFVVPVSPSGDARRLTVSSLQESGLKVNQPASFVSLN GAKGAIDAKVHSPSGALEECYVTEIDQDKYAVRFIPRENGVYLIDVKFN GT HIPGSPFKIRVGEPEGHGGDPGLVSAYGAGLEGGVTGNPAEFVNTSNAG AGALSVTIDGPSKVKMDCQCEPEGYRVTYTPMAPGSYLISIKYGGPYHIG GSPFKAKVTGPRLVSNHSLHETSSVFVDSLTKATCAPQHAGPAGPADA SKVVAKGLGLSKAYVVGQKSSFTVDCSKAGNMLLVGVHGPRTPCCEILV KHVGSRLYSVSYLLKDKGEYTLVWKWGDEHIPGSPYRVVVP

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (117.92 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

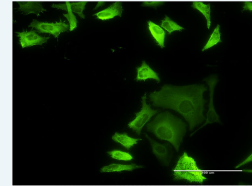
MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

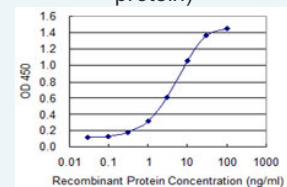
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

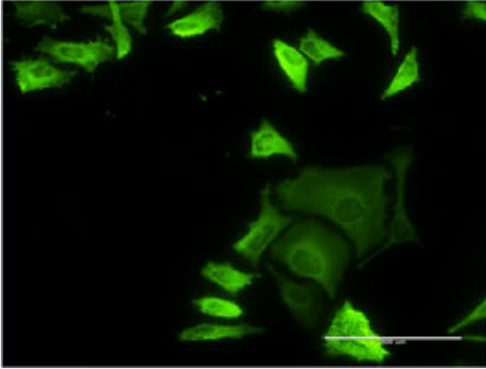
ELISA


Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunofluorescence

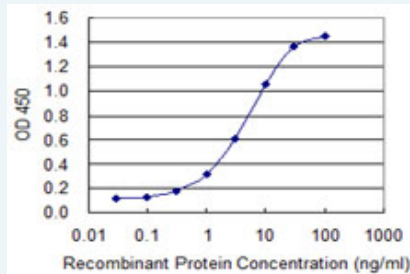


 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to FLNA on HeLa cell . [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged FLNA is 0.1 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2316](#)

GeneBank [BC014654](#)
Accession#:

Protein [AAH14654](#)
Accession#:

Gene Name: FLNA

Gene Alias: ABP-280, ABPX, DKFZp434P031, FLN, FLN1, FMD, MNS, NHBP, OPD, OPD1, OPD2

Gene Description: filamin A, alpha (actin binding protein 280)

Omim ID: [300017](#), [300049](#), [300537](#), [304120](#), [309350](#), [311300](#)

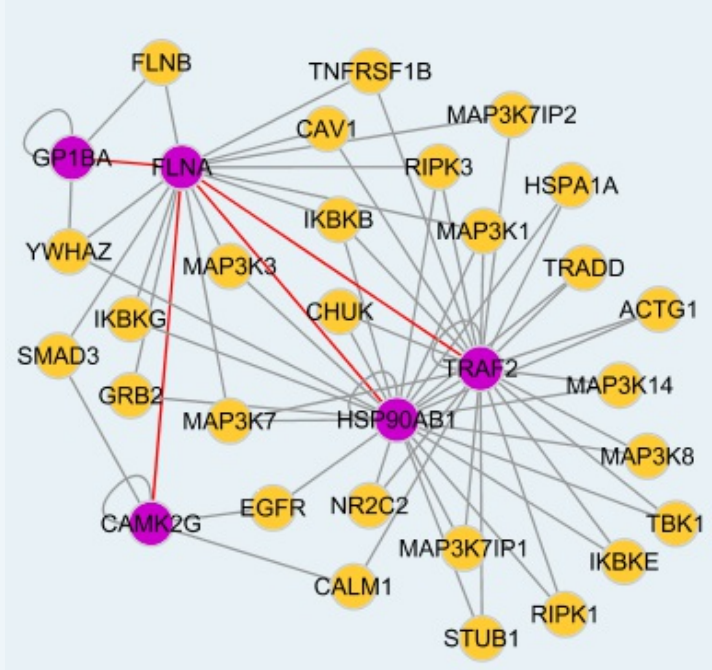
Gene Ontology: [Hyperlink](#)

Gene Summary: 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

Other Designations: OTTHUMP00000024320,actin-binding protein 280,filamin 1,filamin A, alpha

Interactome



Gene Pathway

[Focal adhesion](#) [MAPK signaling pathway](#)

Related Disease

[Anorexia Nervosa](#) [Bulimia](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#)

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