FLNA Antibody

Catalog No: #36484

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

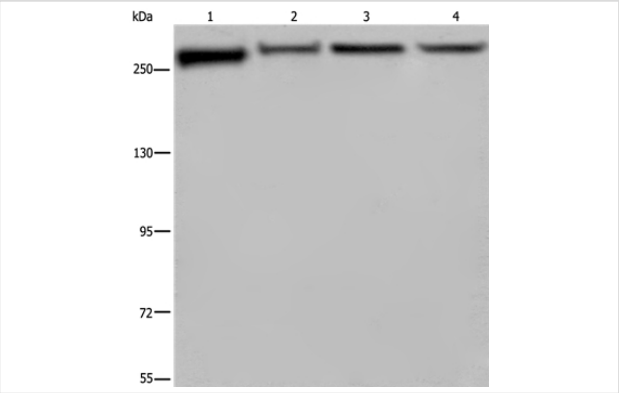
Product Name	FLNA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FLNA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human filamin A, alpha
Target Name	FLNA
Other Names	FLN; FMD; MNS; OPD; ABPX; CSBS; CVD1; FLN1; NHBP; OPD1; OPD2; XLVD; XMVD; FLN-A; ABP-280
Accession No.	Swiss-Prot#: P21333NCBI Gene ID: 2316Gene Accssion: NP_001104026
Uniprot	P21333
GeneID	2316;
SDS-PAGE MW	281kd
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

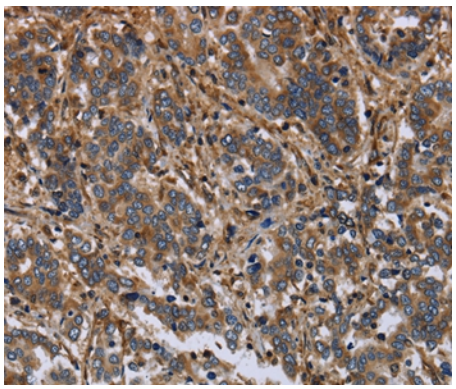
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): PC3, Hela, NIH/3T3 and HUVEB cell
Amount of lysate: 40ug per lane
Primary antibody: 1/800 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36484 at dilution 1/40.

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.

Note: This product is for in vitro research use only