

Mouse anti-Human LAYN Monoclonal Antibody | anti-LAYN antibody

LAYN antibody

CATALOG # AAA48138	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

LAYN; Monoclonal Antibody; LAYN antibody; Layilin isoform 1; Layilin; anti-LAYN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	AT20G8
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	382
Applicable Applications for anti-LAYN antibody	WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human LAYN (22-235aa) purified from E. coli
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

The cell lysate of A549 (40ug) was resolved by SDS-PAGE, transferred to PVDF, membrane and probed with anti-human LAYN antibody (1:3000). Protein were visualized using a goat anti-mouse secondary antibody conjugated to HRP and ECL detection system

ADDITIONAL INFORMATION

Related Product Information for anti-LAYN antibody	Layilin is a widely expressed integral membrane hyaluronan receptor and a transmembrane protein with homology to C-type lectins. This protein interacts with the ERM protein family of cytoskeletal membrane linker molecule members, including talin, ezrin, moesin, and radixin. The carboxy-terminal domain of layilin is capable of binding to the amino-terminal domain of radixin. An interdomain interaction between the amino- and the carboxy-terminal domains of radixin inhibits its ability to bind to layilin. Layilin plays an important role in cell adhesion and motility. It is important for the maintenance of the cortical structure in the cell because it mediates signals from the extracellular matrix to the cytoskeleton. In spreading cells, Layilin acts as a membrane-binding site for talin in the peripheral ruffles, and it may play a role in the migration of cells to a wound site.
Product Categories/Family for anti-LAYN antibody	Cytoskeleton
References	Bono P., et al. (2005) Exp Cell Res 1;308 (1): 177-87; Mark L., et al. (1998) The Journal of Cell Biology 143 (2): 429;

NCBI AND UNIPROT INFORMATION

NCBI GI #	385719187
NCBI GeneID	143903
NCBI Accession #	NP_001245319
NCBI GenBank Nucleotide #	NM_001258390.1
UniProt Accession #	Q6UX15; Q8TAY8; Q96NC5; Q96NF3; A6NJB0; B4DJU0
NCBI Official Full Name	layilin isoform 1
NCBI Official Synonym Full Names	layilin
NCBI Official Symbol	LAYN
NCBI Protein Information	layilin
UniProt Protein Name	Layilin
UniProt Gene Name	LAYN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/layn-antibody-clone-at20g8-western-blot-elisa/48138>