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Anti-SLMAP / SLAP Antibody (clone 2A7)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17725

Product Information

Application	WB, IHC-P, E
Primary Accession	Q14BN4
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	2A7
Calculated MW	95198

Additional Information

Gene ID	7871
Alias Symbol	SLMAP
Other Names	SLMAP, KIAA1601, Sarcolemma associated protein, SLAP, Sarcolemmal-associated protein
Reconstitution & Storage	Protein A purified
Precautions	Anti-SLMAP / SLAP Antibody (clone 2A7) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SLMAP (HGNC:16643)
Synonyms	KIAA1601, SLAP
Function	Associates with the striatin-interacting phosphatase and kinase (STRIPAK) core complex, forming the extended (SIKE1:SLMAP)STRIPAK complex (PubMed:29063833, PubMed:30622739). The (SIKE1:SLMAP)STRIPAK complex dephosphorylates STK3 leading to the inhibition of Hippo signaling and the control of cell growth (PubMed:29063833, PubMed:30622739). May play a role during myoblast fusion (By similarity).
Cellular Location	Cell membrane, sarcolemma {ECO:0000250|UniProtKB:P0C219}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:P0C219}. Cytoplasm, myofibril, sarcomere, M line {ECO:0000250|UniProtKB:Q3URD3}. Cytoplasm, myofibril, sarcomere, Z line {ECO:0000250|UniProtKB:Q3URD3}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q3URD3} Note=Membrane-associated. Distributed

in the transverse tubules and near the junctional sarcoplasmic reticulum (By similarity). Detected along the Z- and M-lines in cardiomyocytes (By similarity) {ECO:0000250|UniProtKB:P0C219, ECO:0000250|UniProtKB:Q3URD3} [Isoform 2]: Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Mitochondrion membrane; Single-pass type IV membrane protein [Isoform 4]: Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Mitochondrion membrane; Single-pass type IV membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.