

ARG57541 anti-FHL2 antibody [21D11]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [21D11] recognizes FHL2
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	21D11
Isotype	IgG1, kappa
Target Name	FHL2
Species	Human
Immunogen	Recombinant Human FHL2 (aa. 1-279) purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	AAG11; Four and a half LIM domains protein 2; SLIM-3; FHL-2; LIM domain protein DRAL; DRAL; SLIM3; Skeletal muscle LIM-protein 3

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

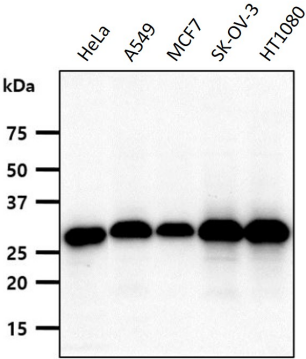
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FHL2
Gene Full Name	four and a half LIM domains 2
Background	This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Aug 2011]
Function	May function as a molecular transmitter linking various signaling pathways to transcriptional regulation. Negatively regulates the transcriptional repressor E4F1 and may function in cell growth. Inhibits the transcriptional activity of FOXO1 and its apoptotic function by enhancing the interaction of FOXO1 with SIRT1 and FOXO1 deacetylation. [UniProt]
Calculated Mw	32 kDa

Images



ARG57541 anti-FHL2 antibody [21D11] WB image

Western blot: 40 µg of HeLa, A549, MCF7, SK-OV-3 and HT1080 cell lysates stained with ARG57541 anti-FHL2 antibody [21D11] at 1:1000 dilution.