

ARG63657 anti-FHL1 / SLIM1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FHL1 / SLIM1
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog, Pig
Tested Application	FACS, ICC/IF, WB
Specificity	This antibody is expected to recognise isoforms 2(NP_001440.1) and 5 (NP_001153171.1). Since June 2009 the second N residue in the immunizing peptide is no longer representative as it has been substituted by Q at position 284 of NP_001440.2. Variants NP_001440.2, NP_001153176.1 and NP_001153172.1 represent identical protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FHL1 / SLIM1
Species	Human
Immunogen	CNKRFFVHNEQVY
Conjugation	Un-conjugated
Alternate Names	FHL1A; FHL1B; KYOT; Four and a half LIM domains protein 1; SLIM; FLH1A; XMPMA; FHL-1; SLIM-1; SLIM1; SLIMMER; Skeletal muscle LIM-protein 1

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	WB	0.05 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

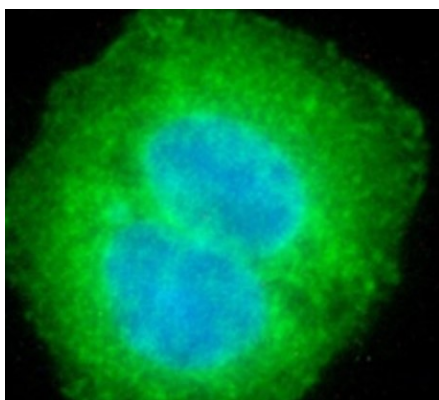
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 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 or below. 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

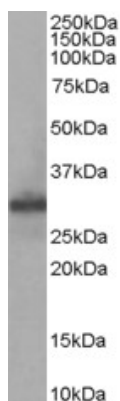
Background	This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.[provided by RefSeq, Nov 2009]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody
Calculated Mw	36 kDa

Images



ARG63657 anti-FHL1 / SLIM1 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG63657 anti-FHL1 / SLIM1 antibody at 10 µg/ml dilution.



ARG63657 anti-FHL1 / SLIM1 antibody WB image

Western Blot: Human Muscle lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63657 anti-FHL1 / SLIM1 antibody at 0.05 µg/ml dilution.