



Goat anti-SLIMMER / FHL1 isoform B Antibody

Item Number	dAP-0567
Target Molecule	Principle Name: SLIMMER / FHL1 isoform B; Official Symbol: FHL1; All Names and Symbols: FHL1; KYOT; SLIM1; bA535K18.1; four and a half LIM domains 1; Four-and-a-half LIM domains 1; bA535K18.1 (LIM protein SLIMMER); RP11-535K18.1; FHL1A; FHL1B; FLH1A; KYOT; MGC111107; SLIMMER, XMPMA; LIM protein SLIMMER; four-and-a-half Lin11, Isl-1 and Mec-; Accession Number (s): AAC72886.1; Human Gene ID(s): 2273; Non-Human GeneID(s):
Immunogen	CTVSRVSHPVSKARK, is from internal region This antibody is specific for the FHL-1 isoform B (SLIMMER) and is expected to recognise an epitope corresponding to aa 233-246 of human SLIMMER protein.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Heart lysates is consistent with literature (PMID:10480922; calculated MW of 36.3kDa according to AAC72886). Recommended concentration: 0.01-0.1µg/ml.
IHC	
Reference	Reference(s): Brown S, McGrath MJ, Ooms LM, Gurung R, Maimone MM, Mitchell CA. Characterization of two isoforms of the skeletal muscle LIM protein 1, SLIM1. Localization of SLIM1 at focal adhesions and the isoform slimmer in the nucleus of myoblasts and cyto-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**