Goat anti-FHL1 / SLIM1, Biotinylated Antibody

Item Number	dAP-3337
Target Molecule	Principle Name: FHL1 / SLIM1, Biotinylated; Official Symbol: FHL1; All Names and Symbols: FHL1; four and a half LIM domains 1; FHL-1; FHL1A; FHL1B; FLH1A; KYOT; SLIM; SLIM-1; SLIM1; SLIMMER; XMP-MA; LIM protein SLIMMER; four-and-a-half Lin11, Isl-1 and Mec-3 domains 1; skeletal muscle LIM-protein 1; Accession Number (s): NP_001440.2; NP_001153171.1; Human Gene ID(s): 2273; Non-Human GeneID (s): 14199 (mouse) 25177 (rat)
Immunogen	CNKRFVFHNEQVY., is from internal region 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
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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; Reconsititute 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 16000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Heart lysates (calculated MW of 31.9kDa according to NP_001440.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/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 cytoplasm of myotubes suggests distinct roles in the 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