

Goat anti-FHL3 / SLIM2 Antibody

Item Number	dAP-1763
Target Molecule	Principle Name: FHL3 / SLIM2; Official Symbol: FHL3; All Names and Symbols: FHL3; SLIM2; four and a half LIM domains 3; LIM-only protein FHL3; MGC19547; MGC23614; MGC8696; Accession Number (s): NP_004459.2; Human Gene ID(s): 2275; Non-Human GeneID(s): 56726 (mouse) 302363 (rat)
Immunogen	DQVLCQGCSQAGP, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 4000.
Western Blot	Western Blot: Approx 30kDa band observed in Human, Mouse and Rat Skeletal Muscle lysates (calculated MW of 31.2kDa according to NP_004459.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Samson T, Smyth N, Janetzky S, Wendler O, Muller JM, Schule R, von der Mark H, von der Mark K, Wixler V. The LIM-only proteins FHL2 and FHL3 interact with alpha- and beta-subunits of the muscle alpha7beta1 integrin receptor. J Biol Chem. 2004 Jul 2;279(27):28641-52. Epub 2004 Apr 26..PMID: 15188932

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 end users! This product is sold for **Research Use Only**