

Goat anti-FRG1 Antibody

Item Number	dAP-2096
Target Molecule	Principle Name: FRG1; Official Symbol: FRG1; All Names and Symbols: FRG1; FSHD region gene 1; FRG1A; FSG1; facioscapulohumeral muscular dystrophy region gene-1; Accession Number (s): NP_004468.1; Human Gene ID(s): 2483; Non-Human GeneID(s): 14300 (mouse) 361156 (rat)
Immunogen	TVTNFGEISGT, is from internal region
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 2000.
Western Blot	Western Blot: Approx 35kDa double band observed in nuclear lysates of cell line Jurkat (calculated MW of 29.2kDa according to NP_004468.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources.
IHC	
Reference	Reference(s): Hanel ML, Wuebbles RD, Jones PL, Muscular dystrophy candidate gene FRG1 is critical for muscle development. Developmental dynamics : an official publication of the American Association of Anatomists 2009 Jun 238 (6): 1502-12.. PMID: 19097195->

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**