

Goat anti-Integrin alpha 11 (mouse) Antibody

Item Number	dAP-2319
Target Molecule	Principle Name: Integrin alpha 11 (mouse); Official Symbol: Itga11; All Names and Symbols: Itga11; integrin alpha 11; 4732459H24Rik; integrin a11; integrin alpha-11; Accession Number (s): NP_795896.4; Human Gene ID(s): ; Non-Human GeneID(s): 319480 (mouse) 315744 (rat)
Immunogen	PTEEDLSHAPQRNH, is from internal region (near C Terminus)
Applications	Pep ELISA, WB Species Tested: 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; 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 16000.
Western Blot	Western Blot: Approx 140kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 133kDa according to NP_795896.4). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Caswell CC, Barczyk M, Keene DR, Lukomska E, Gullberg DE, Lukomski S, Identification of the first prokaryotic collagen sequence motif that mediates binding to human collagen receptors, integrins alpha2beta1 and alpha11beta1. The Journal of biological chemistry 2008 Dec 283 (52): 36168-75..PMID:

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**