



Goat anti-ACTN1 (aa596-609) Antibody

Item Number	dAP-3115
Target Molecule	Principle Name: ACTN1 (aa596-609); Official Symbol: ACTN1; All Names and Symbols: ACTN1; actinin, alpha 1; F-actin cross-linking protein; actinin 1 smooth muscle; alpha-actinin cytoskeletal isoform; alpha-actinin-1; non-muscle alpha-actinin-1; Accession Number (s): NP_001123476.1; NP_001093.1; NP_001123477.1; Human Gene ID(s): 87; Non-Human GeneID(s): 109711 (mouse) 81634 (rat)
Immunogen	TPQEINGKWDHVRQ, is from internal region This antibody is expected to recognize all reported isoforms (NP_001123476.1; NP_001093.1; NP_001123477.1).
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 128000.
Western Blot	Western Blot: Approx 100kDa band observed in Human, Mouse and Rat Spleen lysates (calculated MW of 103kDa according to NP_001093.1). Recommended concentration: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 75kDa. Th
IHC	
Reference	Reference(s): Quick Q, Skalli O. Alpha-actinin 1 and alpha-actinin 4: contrasting roles in the survival, motility, and RhoA signaling of astrocytoma cells. Experimental cell research 2010 Apr 316 (7): 1137-47..PMID: 20156433->

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**