

Goat anti-Myosin 1H Antibody

Item Number	dAP-2922
Target Molecule	Principle Name: Myosin 1H; Official Symbol: Myo1H; All Names and Symbols: MYO1H; myosin 1H; myosin-1H; myosin-1h; unconventional myosin-1h; Accession Number (s): NP_001158045.1; Human Gene ID(s): 283446; Non-Human GeneID(s): 231646 (mouse) 687866 (rat)
Immunogen	EDQVYKDKNGQLR, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Mouse, 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 128000.
Western Blot	Western Blot: Approx 110kDa band observed in lysates of cell line NIH3T3 (calculated MW of 118kDa according to NP_001158045.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 28kDa. This
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

Reference Reference(s): Tassopoulou-Fishell M, Deeley K, Harvey EM, Sciote J, Vieira AR. Genetic variation in myosin 1H contributes to mandibular prognathism. American journal of orthodontics and dentofacial orthopedics : official publication of the American Association of Orthodontists, its constituent societies, and the

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**