



Goat anti-MBNL1 Antibody

Item Number	dAP-1685
Target Molecule	Principle Name: MBNL1 ; Official Symbol: MBNL1; All Names and Symbols: MBNL1; muscleblind-like (Drosophila); DKFZp686P06174; EXP; EXP35; EXP40; EXP42; KIAA0428; MBNL; muscleblind-like 1; Accession Number (s): NP_066368.2; NP_997175.1; NP_997176.1; NP_997177.1; NP_997178.1; NP_997179.1; NP_997180.1; Human Gene ID(s): 4154; Non-Human GeneID(s): 56758 (mouse) 282635 (rat)
Immunogen	SAEHLTSHKYVTQ , is from C Terminus This antibody is expected to recognize the reported isoforms (NP_066368.2; NP_997175.1; NP_997176.1; NP_997177.1; NP_997178.1; NP_997179.1)
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 4000.
Western Blot	Western Blot: Approx. 45kDa band observed in lysates of cell line HeLa (calculated MW of 41.8kDa according to NP_997176.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Warf MB, Berglund JA. MBNL binds similar RNA structures in the CUG repeats of myotonic dystrophy and its pre-mRNA substrate cardiac troponin T. RNA. 2007 Dec;13(12):2238-51. PMID: 17942744->

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**