

## Goat anti-UNC45B Antibody

<b>Item Number</b>	dAP-2009
<b>Target Molecule</b>	Principle Name: UNC45B; Official Symbol: UNC45B; All Names and Symbols: unc-45 homolog B (C. elegans); CMYA4; FLJ38610; MGC119540; MGC119541; UNC45; cardiomyopathy associated 4; striated muscle UNC45; Accession Number (s): NP_775259.1; NP_001028748.1; Human Gene ID(s): 146862; Non-Human GeneID(s): 217012 (mouse) 303373 (rat)
<b>Immunogen</b>	RSDKLRQKIFKER, is from internal region This antibody is expected to recognise both reported isoforms (NP_775259.1 and NP_001028748.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 2000.
<b>Western Blot</b>	Western Blot: Approx 90kDa band observed in Human Skeletal Muscle lysates (calculated MW of 104kDa according to NP_775259.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Landsverk ML, Li S, Hutagalung AH, Najafov A, Hoppe T, Barral JM, Epstein HF. The UNC-45 chaperone mediates sarcomere assembly through myosin degradation in Caenorhabditis elegans. J Cell Biol. 2007 Apr 23;177(2):205-10. Epub 2007 Apr 16..PMID: 17438072 ->

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**