

Goat anti-UNC45B Antibody

Item Number	dAP-2009
Target Molecule	Principle Name: UNC45B; Official Symbol: UNC45B; All Names and Symbols: unc-45 homolog B (C. elegans); CMY44; 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 GenelD(s): 217012 (mouse) 303373 (rat)
Immunogen	RSDKLRQKIFKER, is from internal region This antibody is expected to recognise both reported isoforms (NP_775259.1 and NP_001028748.1).
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 2000.
Western Blot	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.
IHC	
Reference	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 <i>Caenorhabditis elegans</i> . <i>J Cell Biol.</i> 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 end users! This product is sold for **Research Use Only**