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Research Use Only. Not for diagnostic or therapeutic use.

EB07885 - Goat Anti-UNC45B Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: unc-45 homolog B (C. elegans), CMYA4, FLJ38610, MGC119540, MGC119541, UNC45, cardiomyopathy associated 4, striated muscle UNC45

Official Symbol: UNC45B

Accession Number(s): NP_775259.1; NP_001028748.1

Human GeneID(s): 146862

Non-Human GenelD(s): 217012 (mouse), 303373 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_775259.1and NP_001028748.1).

Immunogen

Peptide with sequence C-RSDKLRQKIFKER, from the internal region of the protein sequence according to NP_775259.1; NP_001028748.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07885 (0.3 μ g/ml) staining of Human Skeletal Muscle lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.