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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 GeneID(s): 217012 (mouse), 303373 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_775259.1 and 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

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