

## UK Office

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