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EB07591 - Goat Anti-AS160 / TBC1D4 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: TBC1D4, AS160, TBC1 domain family, member 4, RP11-159J2.1, DKFZp779C0666, Acrg embryonic lethality (mouse) minimal region ortholog, OTTHUMP00000040818, TBC (Tre-2, BUB2, CDC16) domain-containing protein, KIAA0603
Official Symbol: TBC1D4
Accession Number(s): NP_055647.2
Human GeneID(s): 9882

Immunogen

Peptide with sequence C-DDPEKIEERKKSK, from the internal region of the protein sequence according to NP_055647.2.

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.

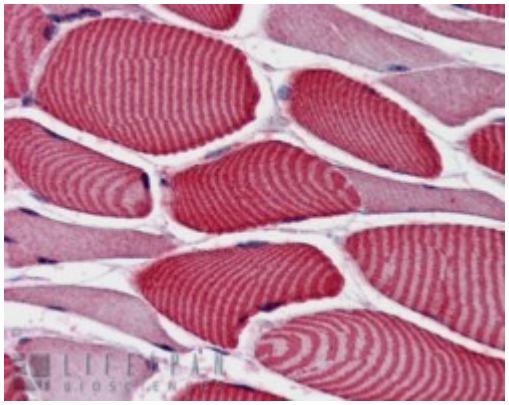
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 150kDa band observed in lysates of cell lines Daudi and MOLT4 (calculated MW of 147kDa according to NP_055647.2). Recommended concentration: 0.1-0.3µg/ml.
IHC: In paraffin embedded Human Skeletal Muscle shows striated pattern staining of majority of muscular fibres. Recommended concentration, 3-5µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Dog

EB07591 (0.1µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07591 (3.8µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.