



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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.