

#### **International Office**

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# EB06556 - Goat Anti-TOM1L2 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: TOM1L2, FLJ32746, target of myb1-like 2 (chicken), target of myb1

(chicken) homolog-like 1, target of myb1 (chicken) homolog-like 2

Official Symbol: TOM1L2

Accession Number(s): NP\_001028723.1; NP\_001076437.1

Human GenelD(s): 146691

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

#### **Immunogen**

Peptide with sequence CRKKPERSEDALFAL, from the C Terminus of the protein sequence according to NP\_001028723.1; NP\_001076437.1.

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 1:64000.

**Western blot:** Approx 60kDa band observed in Human Fibroblast A431 lysates (calculated MW of 51.8kDa according to NP\_653279). Recommended concentration: 0.1-1ug/ml.

**IHC:** In paraffin embedded Human Skeletal Muscle shows variable staining from fibre to fibre. Recommended concentration, 5-10µg/ml.

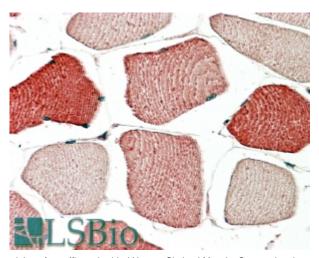
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB06556 ( $0.03\mu g/ml$ ) staining of A431 lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06556 (5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.