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# EB09805 - Goat Anti-TOMM40 Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** C19orf1, D19S1177E, mitochondrial outer membrane protein, PEREC1, PER-EC1, TOM40, translocase of outer mitochondrial membrane 40, translocase of outer mitochondrial membrane 40 homolog (yeast), TOMM40

Official Symbol: TOMM40

Accession Number(s): NP\_006105.1

Human GeneID(s): 10452

Non-Human GenelD(s): 53333 (mouse), 308416 (rat)

Important Comments: Reported variants represent identical protein: NP\_001122389.1,

NP\_001122388.1, NP\_006105.1.

### **Immunogen**

Peptide with sequence C-HTVALSTIGESNYH, from the internal region of the protein sequence according to NP\_006105.1.

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 1:16000.

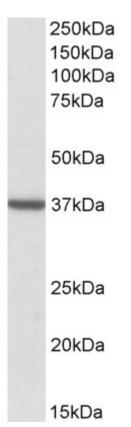
**Western blot:** Approx 37kDa band observed in Human Brain (Cerebellum and Frontal Cortex) lysates (calculated MW of 37.9kDa according to NP\_006105.1). Recommended

concentration: 1-3µg/ml. Primary incubation was 1 hour.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB09805 (2µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.