

#### **International Office**

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Research Use Only. Not for diagnostic or therapeutic use.

# EB11119 - Goat Anti-Tgm6 (mouse) Antibody

Size: 100µg specific antibody in 200µl



# **Target Protein**

Principal Names: A030011P16, OTTMUSP00000016517, protein-glutamine

gamma-glutamyltransferase 6, RP23-20A6.2, TGM3L, TGY, transglutaminase 6, Tgm6

Official Symbol: Tgm6

Accession Number(s): NP\_808394.1; NP\_001276676.1

Human GenelD(s): 343641

Non-Human GenelD(s): 241636 (mouse), 296152 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_808394.1; NP\_001276676.1). Variants NP\_001276676.1, NP\_001276677.1 and

NP\_001276678.1 represent identical protein.

# **Immunogen**

Peptide with sequence C-DKYVDSYGRTLED, from the C Terminus of the protein sequence according to NP\_808394.1; NP\_001276676.1.

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 75kDa band observed in Rat Lung lysates (calculated MW of 79.3kDa according to Mouse NP\_945345.2 and 80.4kDa according to Rat XP\_230601.5).

Recommended concentration: 1-3µg/ml.

#### **Species Reactivity**

Tested: Rat

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



EB11119 ( $2\mu g/ml$ ) staining of Rat Lung lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.