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

EB11839 - Goat Anti-NCU-G1 (mouse aa243-256) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 0610031J06Rik, AB027141, lysosomal protein NCU-G1, NCU-G1, RIKEN cDNA 0610031J06 gene

Official Symbol: Glmp

Accession Number(s): NP_064387.1

Non-Human GeneID(s): 56700 (mouse), 295231 (rat)

Important Comments: The immunizing peptide represents the luminal part of the protein

Immunogen

Peptide with sequence PDCPSVNERNISIDD, from the internal region of the protein sequence according to NP_064387.1.

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 1:32000.

Western blot: Approx 75kDa band observed in Mouse and Rat Kidney lysates (calculated MW of 43.8kDa according to Mouse NP_064387.1 and Rat NP_001004226.1). The observed molecular weight corresponds to the endogenous wild-type glycoprotein, as shown in earlier findings in literature with different antibodies (Schieweck O et al, PMID:19489740). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Mouse



EB11839 (0.5µg/ml) staining of Mouse (A) and Rat (B) Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.