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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 PDCPSVNERNSIDD, 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

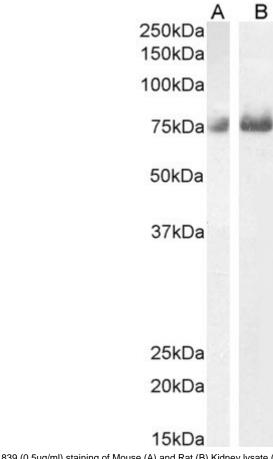
Peptide ELISA: antibody detection limit dilution 1:32000.

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.