

Goat anti-NCU-G1 (mouse aa243-256) Antibody

Item Number	dAP-3476
Target Molecule	Principle Name: NCU-G1 (mouse aa243-256); Official Symbol: Glmp; All Names and Symbols: 0610031J06Rik; RIKEN cDNA 0610031J06 gene; AB027141; NCU-G1; lysosomal protein NCU-G1; Accession Number (s): NP_064387.1; Human Gene ID(s): ; Non-Human GenID(s): 56700 (mouse) 295231 (rat)
Immunogen	PDCPSVNERNSIDD, is from internal region The immunizing peptide represents the luminal part of the protein
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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 earl
IHC	
Reference	Reference(s): Schieweck O, Damme M, Schröder B, Hasilik A, Schmidt B, Lübke T. NCU-G1 is a highly glycosylated integral membrane protein of the lysosome. Biochem J. 2009 Jul 29;422(1):83-90..PMID: 19489740->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**