

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

Peptide-affinity purified goat antibody

Catalog # AF4469a

Product Information

Application	WB, Pep-ELISA
Primary Accession	Q9JHJ3
Other Accession	NP_064387.1
Reactivity	Mouse
Host	Goat
Clonality	Polyclonal
Clone Names	GImp
Calculated MW	43804

Additional Information

Gene ID	56700
Other Names	0610031J06Rik; RIKEN cDNA 0610031J06 gene; AB027141; NCU-G1; lysosomal protein NCU-G1
Dilution	WB~~1:1000 Pep-ELISA~~N/A
Format	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.
Immunogen	The immunizing peptide represents the luminal part of the protein
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-NCU-G1 (mouse aa243-256) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GImp {ECO:0000312 MGI:MGI:1913318}
Function	Required to protect lysosomal transporter MFSD1 from lysosomal proteolysis and for MFSD1 lysosomal localization.
Cellular Location	Lysosome membrane; Single-pass type I membrane protein; Luminal side
Tissue Location	Detected in brain, heart, liver, kidney, lung, intestine, testis and spleen (PubMed:11444019, PubMed:19489740, PubMed:24487409). Expressed at

highest levels in kidney cortex (PubMed:11444019, PubMed:19489740). However, another study reports highest expression levels in lung (PubMed:24487409). Expressed in myoblasts with expression increasing during differentiation into myotubes (PubMed:26707125).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.