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GAA Antibody

Rabbit mAb
Catalog # AP92550

Product Information

Application	WB
Primary Accession	P10253
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Acid maltase; GAA; Glucosidase alpha acid; LYAG;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	105324

Additional Information

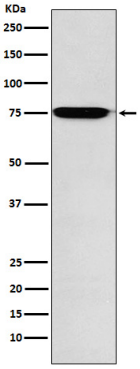
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GAA
Description	Essential for the degradation of glygogen to glucose in lysosomes.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	GAA
Function	Essential for the degradation of glycogen in lysosomes (PubMed: 14695532, PubMed:18429042, PubMed:1856189, PubMed:7717400). Has highest activity on alpha-1,4-linked glycosidic linkages, but can also hydrolyze alpha-1,6-linked glucans (PubMed:29061980).
Cellular Location	Lysosome. Lysosome membrane

Images

Western blot analysis of GAA expression in Human fetal liver lysate.



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