GAA Polyclonal Antibody

Catalog No.	A7674	**Category**	Polyclonal Antibodies
Applications	WB, IF, IP	**Observed MW**	105kDa
Cross-reactivity	Human, Mouse, Rat	**Calculated MW**	105kDa

Immunogen Information

Immunogen	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human GAA (NP_000143.2).
Gene ID	2548
Swiss prot	P10253
Synonyms	GAA; LYAG; glucosidase alpha, acid

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

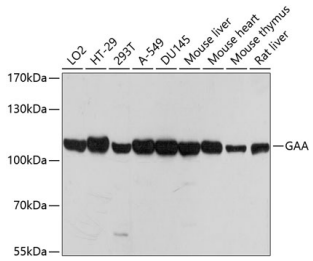
This gene encodes lysosomal alpha-glucosidase, which is essential for the degradation of glycogen to glucose in lysosomes. The encoded preproprotein is proteolytically processed to generate multiple intermediate forms and the mature form of the enzyme. Defects in this gene are the cause of glycogen storage disease II, also known as Pompe's disease, which is an autosomal recessive disorder with a broad clinical spectrum. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

IF 1:50 - 1:200

IP 1:50 - 1:200



Western blot - GAA Polyclonal Antibody (A7674)

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