

Rabbit GAA Polyclonal Antibody | anti-GAA antibody

GAA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28197	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunoprecipitation

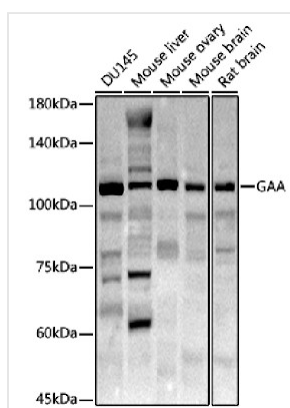
PRODUCT SYNONYMS

GAA; Polyclonal Antibody; GAA Polyclonal Antibody; LYAG; glucosidase alpha; acid; anti-GAA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-GAA antibody	WB (Western Blot), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500 - 1:2000 IF: 1:50 - 1:200 IP: 1:50 - 1:200
Immunogen	A synthetic peptide corresponding to a sequence within aminoacids 350-450 of human GAA (NP_000143.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Validation Data Western blot analysis of extracts of various cell lines, using GAA antibody (AAA28197) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 60s

ADDITIONAL INFORMATION

Related Product Information for anti-GAA antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119393891
NCBI GeneID	2548
NCBI Accession #	NP_000143.2
NCBI GenBank Nucleotide #	NM_000152.3
UniProt Accession #	P10253; Q09GN4; Q14351; Q16302; Q8IWE7
Molecular Weight	Observed MW: 105kDa Calculated MW: 105kDa
NCBI Official Full Name	lysosomal alpha-glucosidase preproprotein
NCBI Official Synonym Full Names	glucosidase, alpha; acid
NCBI Official Symbol	GAA
NCBI Official Synonym Symbols	LYAG
NCBI Protein Information	lysosomal alpha-glucosidase
UniProt Protein Name	Lysosomal alpha-glucosidase
UniProt Gene Name	GAA
UniProt Entry Name	LYAG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gaa-antibody-western-blot-immunofluorescence-immunoprecipitation-elisa/28197>