

GAA

Reactivity: Human Mouse Rat

Tested applications: WB IHC IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

Calculated MW: 105kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human GAA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

LYAG;

Catalog #: A7674

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2548

Isotype: IgG

Swiss Prot: P10253

Purity: Affinity purification

For research use only.

Background:

This gene encodes acid alpha-glucosidase, which is essential for the degradation of glycogen to glucose in lysosomes. Different forms of acid alpha-glucosidase are obtained by proteolytic processing. 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. Three transcript variants encoding the same protein have been found for this gene.

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