

GAA Polyclonal Antibody

Catalog number: 14367-1-AP

Size: 24 µg/150 µl

Source: Rabbit

Isotype: IgG

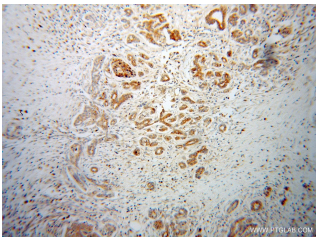
Synonyms:

GAA; Acid maltase,

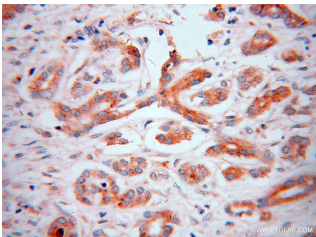
Aglucosidase alfa, GAA,

glucosidase, alpha; acid, LYAG,

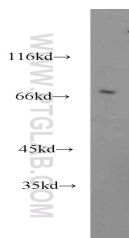
Lysosomal alpha glucosidase



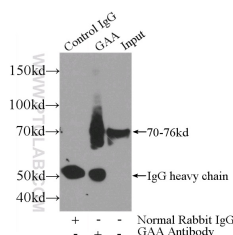
Immunohistochemical of paraffin-embedded human pancreas cancer using 14367-1-AP(GAA antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human pancreas cancer using 14367-1-AP(GAA antibody) at dilution of 1:50 (under 40x lens)



human heart tissue were subjected to SDS PAGE followed by western blot with 14367-1-AP(GAA antibody) at dilution of 1:600



IP Result of anti-GAA

Background

GAA (Alpha-1,4-glucosidase) is a lysosomal enzyme involved in the degradation of glycogen within cellular vacuoles. After translation, GAA undergoes proteolytic processing to form two lengths of lysosomal a-glucosidase, and both N-terminal and C-terminal processing occur. The full sequence can be further processed into a mature form. The 105 kDa GAA can be cleaved into 70 kDa or 76 kDa form.

Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated GAA MW:	105 kDa
Observed GAA MW:	70-76 kDa
Positive WB detected in:	Human heart tissue
Positive IP detected in:	Mouse liver tissue
Positive IHC detected in:	Human pancreas cancer tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5690
GenBank accession number:	BC040431
Gene ID (NCBI):	2548
Full name:	Glucosidase, alpha; acid

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:14367-1-AP, 4ug;
Detection:14367-1-AP 1:600)
with mouse liver tissue lysate
4000ug.**