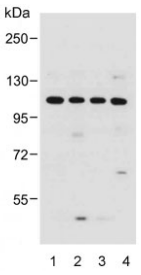
GAA Antibody / Glucosidase alpha acid (F54279)

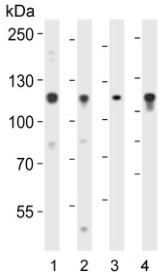
Catalog No.	Formulation	Size
F54279-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54279-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

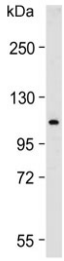
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P10253
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25
Limitations	This GAA antibody is available for research use only.



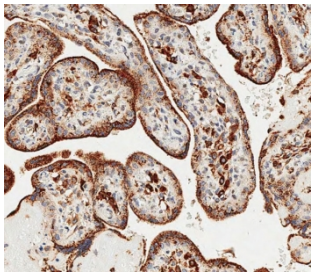
Western blot testing of human 1) HeLa, 2) MCF7, 3) SW620 and 4) A549 cell lysate with GAA antibody. Predicted molecular weight ~105 kDa.



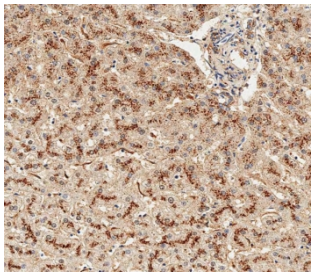
Western blot testing of human 1) A549, 2) MCF7, 3) SW620 and 4) PC-3 cell lysate with GAA antibody. Predicted molecular weight ~105 kDa.



Western blot testing of human placenta lysate with GAA antibody. Predicted molecular weight ~105 kDa.



IHC testing of FFPE human placenta tissue with GAA antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human liver tissue with GAA antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the GAA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 174-203 from the human protein were used as the immunogen for the GAA antibody.

Storage

Aliquot the GAA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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