

KD-Validated Anti-AGL Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1305

Specification

KD-Validated Anti-AGL Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P35573
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 175 kDa, observed, 150 kDa kDa
Gene Name	AGL
Aliases	AGL; Amylo-Alpha-1, 6-Glucosidase, 4-Alpha-Glucanotransferase; GDE; Glycogen Debranching Enzyme; Amylo-1, 6-Glucosidase, 4-Alpha-Glucanotransferase; Glycogen Debrancher; Amylo-Alpha-1, 6-Glucosidase, 4-Alpha-Glucanotransferase provided; Glycogen Storage Disease Type III; Glycogen Debranching Protein
Immunogen	A synthesized peptide derived from human AGL

KD-Validated Anti-AGL Rabbit Monoclonal Antibody - Additional Information

Gene ID	178
Other Names	Glycogen debranching enzyme, Glycogen debrancher, 4-alpha-glucanotransferase, 2.4.1.25, Oligo-1, 4-1, 4-glucantransferase, Amylo-alpha-1, 6-glucosidase, Amylo-1, 6-glucosidase, 3.2.1.33, Dextrin 6-alpha-D-glucosidase, AGL, GDE

KD-Validated Anti-AGL Rabbit Monoclonal Antibody - Protein Information

Name AGL

Synonyms GDE

Function

Multifunctional enzyme acting as 1,4-alpha-D-glucan:1,4- alpha-D-glucan
4-alpha-D-glycosyltransferase and amylo-1,6-glucosidase in glycogen degradation.

Cellular Location

Cytoplasm. Note=Under glycogenolytic conditions localizes to the nucleus

Tissue Location

Liver, kidney and lymphoblastoid cells express predominantly isoform 1; whereas muscle and heart express not only isoform 1, but also muscle-specific isoform mRNAs (isoforms 2, 3 and 4). Isoforms 5 and 6 are present in both liver and muscle

KD-Validated Anti-AGL Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-AGL Rabbit Monoclonal Antibody - Images