

KD-Validated Anti-AGL Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1305

Product Information

Application	WB, FC, ICC
Primary Accession	P35573
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 2965
Calculated MW	174764
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-Glucanotransferaseprovided; Glycogen Storage Disease Type III; Glycogen Debranching Protein
Immunogen	A synthesized peptide derived from human AGL

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

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.