

AGL Antibody (N-term)

Catalog_no :	AB2071
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This AGL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human AGL.
Dilution :	WB,1:1000;IF,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	Glycogen debranching enzyme, Glycogen debrancher, 4-alpha-glucanotransferase, Oligo-1,4-1,4-glucantransferase, Amylo-alpha-1,6-glucosidase, Amylo-1,6-glucosidase, Dextrin 6-alpha-D-glucosidase, AGL, GDE
Isotype :	Rabbit Ig
Background :	AGL is a glycogen debrancher enzyme which is involved in glycogen degradation. This enzyme has two independent catalytic activities which occur at different sites on the protein: a 4-alpha-glucotransferase activity and a amylo-1,6-glucosidase activity. Mutations in the AGL gene are associated with glycogen storage disease although a wide range of enzymatic and clinical variability occurs which may be due to tissue-specific alternative splicing.
reference :	Horinishi, A., et al., J. Hum. Genet. 47(2):55-59 (2002). Shen, J., et al., Hum. Mutat. 9(1):37-40 (1997). Bao, Y., et al., Genomics 38(2):155-165 (1996). Shen, J., et al., J. Clin. Invest. 98(2):352-357 (1996). Yang, B.Z., et al., J. Biol. Chem. 267