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**Product Name: AGL Rabbit Monoclonal Antibody****Catalog #: AMRe86614**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:200-1:2000,ICC/IF 1:100-1:200,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW:175 kDa; Observed MW:175 kDa

**Antigen Information**

<b>Gene Name</b>	AGL
<b>Alternative Names</b>	GDE
<b>Gene ID</b>	178
<b>SwissProt ID</b>	P35573
<b>Immunogen</b>	A synthetic peptide of human AGL

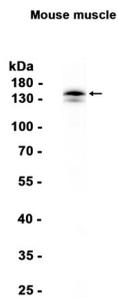
**Background**

This gene encodes the 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 this 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. Alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse muscle tissue using db15947 at 1:1000.