Product Name: alpha Sarcoglycan Rabbit Monoclonal Antibody
Catalog #: AMRe87007
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	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.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:500-1:2000,IP 1:20-1:50
Molecular Weight	Calculated MW:43 kDa; Observed MW:50 kDa

Antigen Information

Gene Name	alpha Sarcoglycan
Alternative Names	ADL; DAG2; 50DAG; DMDA2; LGMD2D; SCARMD1; adhalin
Gene ID	6442
SwissProt ID	Q16586
Immunogen	A synthetic peptide of human alpha Sarcoglycan

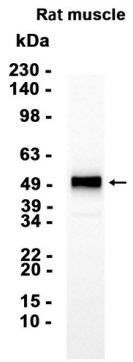
Background

This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical to the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extracellular matrix. Its expression is thought to be restricted to

striated muscle. Mutations in this gene result in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

Research Area

Image Data



Western blot analysis of extracts from Rat muscle tissue using alpha Sarcoglycan Rabbit Monoclonal Antibody at 1:1000.