

For Research Use Only

Alpha Sarcoglycan Polyclonal antibody



Catalog Number: 13222-1-AP

Basic Information

Catalog Number: 13222-1-AP	GenBank Accession Number: BC025702	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6442	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein)	
Isotype: IgG	Calculated MW: 387 aa, 43 kDa	
Immunogen Catalog Number: AG3924		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human skeletal muscle tissue,
Species Specificity: human	

Background Information

Alpha-sarcoglycan is a member of the sarcoglycan-sarcospan complex (SG-SSPN), which is constituted by α/ϵ -, β -, γ -, and δ -SGs as well as SSPN. Alpha-sarcoglycan gene expression is exclusive of striated muscle and is finely regulated during myogenic differentiation, where the amount of alpha-sarcoglycan transcript is selectively increased after differentiation to myotubes (MTs). Alpha sarcoglycan's disruption causes limb-girdle muscular dystrophy.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 13222-1-AP (Alpha-sarcoglycan antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.