

For Research Use Only

MYH8-Specific Polyclonal antibody

Catalog Number: 18988-1-AP



Basic Information

Catalog Number: 18988-1-AP	GenBank Accession Number: NM_002472	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4626	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000
Source: Rabbit	Full Name: myosin, heavy chain 8, skeletal muscle, perinatal	
Isotype: IgG	Calculated MW: 223 kDa	
	Observed MW: 220-230 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: mouse	WB : mouse skeletal muscle tissue, IHC : mouse skeletal muscle tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

MYH8 plays a role in muscle contraction. It is required for cytoskeleton organization. The antibody is specific to MYH8 and MYH2.

Storage

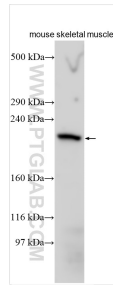
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

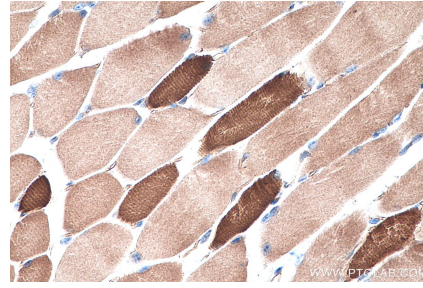
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 18988-1-AP (MYH8-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 18988-1-AP (MYH8-Specific antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).