For Research Use Only

Mecr Polyclonal antibody

Catalog Number:51025-2-Ig Featured Product 2 Publications

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Basic Information

Catalog Number:
51025-2-Ig

Size:
150ul , Concentration: 500 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC003864

GeneID (NCBI):
26922

Full Name:
mitochondrial trans-2-enoyl-CoA reductase

Calculated MW:
40 kDa

Observed MW:
65 kDa

Purification Method:
Protein A purification

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:200-1:800

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB

Species Specificity:
mouse

Cited Species:
mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse skeletal muscle tissue, mouse heart tissue

IHC : mouse skeletal muscle tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Antonina N Shvetsova	28531964	Redox Biol	WB
Parl Angelika A	24161390	Biochem Biophys Res Commun	WB

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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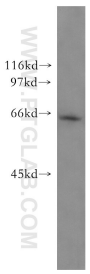
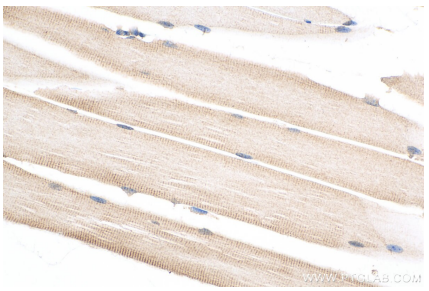
Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 51025-2-Ig (Mecr antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 51025-2-Ig (Mecr antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).