

Product Datasheet

MuRF1/TRIM63 Antibody NB100-1193

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1193

MuRF1/TRIM63 Antibody

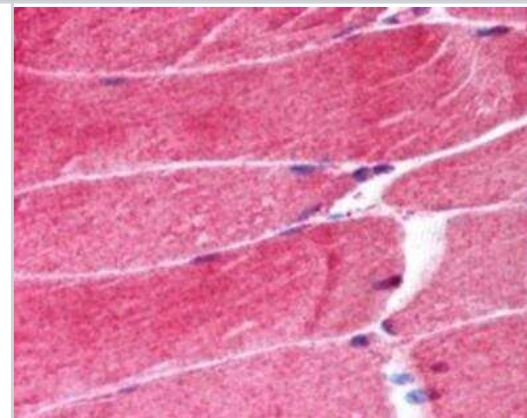
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	84676
Gene Symbol	TRIM63
Species	Human
Immunogen	Peptide with sequence DYKSSLIQDGNPM-C corresponding to N-Terminus according to NP_115977.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave an approx. 60 kDa band in human skeletal muscle lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 40.2 kDa band according to NP_115977.2. The 60 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human skeletal muscle shows strong staining in rare nuclei, and weak staining of muscle fibres in longitudinal section.

Images

Immunohistochemistry-Paraffin: MuRF1/TRIM63 Antibody [NB100-1193] - (1.25ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Dai KS, Liew CC. A novel human striated muscle RING zinc finger protein, SMRZ, interacts with SMT3b via its RING domain. J Biol Chem 2001-06-29 [PMID: 11283016]

Hepple RT, Qin M, Nakamoto H et al. Caloric restriction optimizes the proteasome pathway with aging in rat plantaris muscle: implications for sarcopenia. Am J Physiol Regulatory Integrative Comp Physiol;295(4):R1231-1237. 2008-01-01 [PMID: 18703409]





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Products Related to NB100-1193

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00084676-P01-10ug	Recombinant Human MuRF1/TRIM63 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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