

Anti-MuRF1 (C-terminal region) Antibody

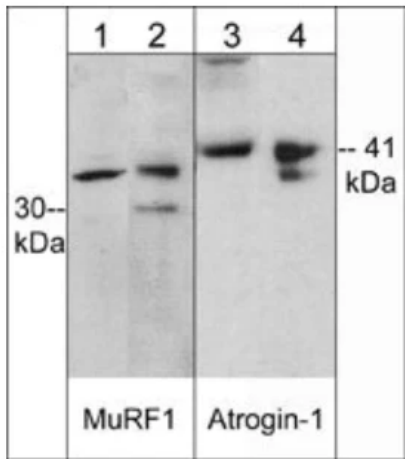


Product Details

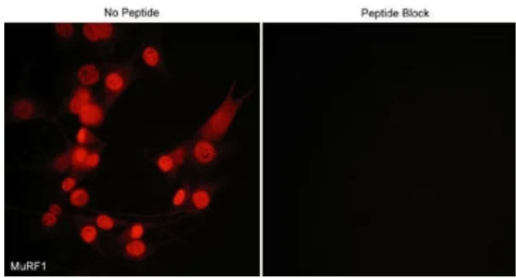
Available Variants	100 µL (SKU:MP3401)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TRIM63
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:300
Species Reactivity	Human, Mouse, Rat
Immunogen	MuRF1 (C-terminal) synthetic peptide (coupled to KLH) corresponding to amino acid residues in the C-terminal half of human MuRF1. This peptide sequence is highly conserved in rat and mouse MuRF1, and has 50% homology to MuRF2 (TRIM-55).
Specificity	The antibody detects 38 and 30 kDa* proteins corresponding to the apparent molecular mass of MuRF1 isoforms on SDS-PAGE immunoblots of mouse C2C12 cells, and detects a 38 kDa band in mouse heart and muscle tissue.
Molecular Weight	30/38
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	Q969Q1
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

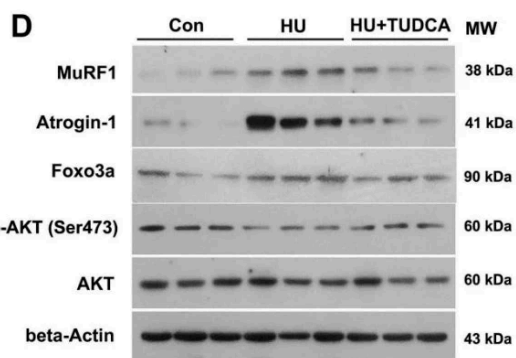
Product Images



Western blot analysis of mouse heart tissue (lanes 1 & 3) or C2C12 cells (lanes 2 & 4). The blot was probed with anti-MuRF1 (C-terminal region) (lanes 1 & 2) or anti-Atrogin-1 (lanes 3 & 4).



Immunocytochemical labeling of MuRF1 in mouse C2C12 cells. The cells were labeled with rabbit polyclonal MuRF1 antibody, then detected using appropriate secondary antibody conjugated to Cy3. The antibody was used in the absence (left) or presence (right) of blocking peptide (MX3405).



Western blot analysis of MuRF1 (Cat. MP3401), Atrogin-1 (Cat. AP2041), FoxO3a, p-AKT (Ser473), and total AKT in the soleus muscle of control, HU, and HU+TUDCA mice. Image from publication CC-BY-4.0. [PMID: 37525907](https://pubmed.ncbi.nlm.nih.gov/37525907/)

Product Page URL: www.antibodiesinc.com/products/anti-murf1-c-terminal-region-antibody-mp3401



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