

Product Datasheet

Actin Alpha 1 Cardiac Muscle Antibody (RM257) NBP2-61474

Unit Size: 100 ul

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

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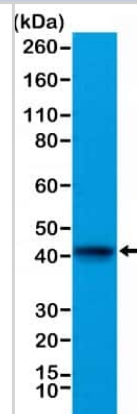
NBP2-61474**Actin Alpha 1 Cardiac Muscle Antibody (RM257)**

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM257
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Product Description	
Description	Novus Biologicals Rabbit Actin Alpha 1 Cardiac Muscle Antibody (RM257) (NBP2-61474) is a recombinant monoclonal antibody validated for use in IHC and WB. Anti-Actin Alpha 1 Cardiac Muscle Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	70
Gene Symbol	ACTC1
Species	Human, Mouse
Reactivity Notes	This antibody may also react to bovine or rat Actin Alpha 1 Cardiac Muscle, as predicted by immunogen homology.
Immunogen	A synthetic peptide corresponding to the N-terminus of Human Actin Alpha 1 Cardiac Muscle
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000 - 1:2000, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500

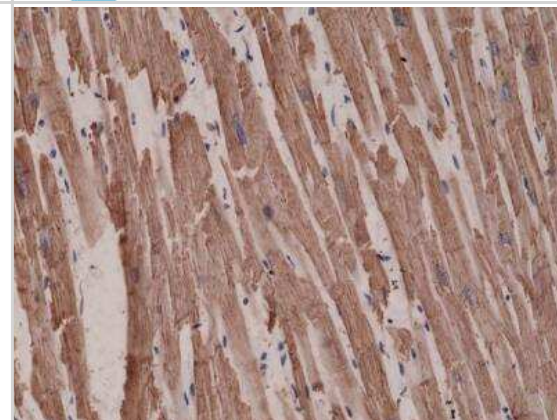


Images

Western Blot: Actin Alpha 1 Cardiac Muscle Antibody (RM257) [NBP2-61474] - Western Blot of Mouse heart tissue lysate, using NBP2-61474 at a 1:1000 dilution



Immunohistochemistry: Actin Alpha 1 Cardiac Muscle Antibody (RM257) [NBP2-61474] - Immunohistochemical staining of FFPE Human heart tissue sections using NBP2-61474 at a 1:1000 dilution



Publications

Nagarajan N, Oka SI, Nah J et al. Thioredoxin 1 promotes autophagy through transnitrosylation of Atg7 during myocardial ischemia The Journal of clinical investigation 2022-12-08 [PMID: 36480290] (Western Blot, Mouse)

Oka S, Tang F, Chin A Et Al. Beta-Hydroxybutyrate, a Ketone Body, Potentiates the Antioxidant Defense via Thioredoxin 1 Upregulation in Cardiomyocytes Antioxidants 2021-07-20 [PMID: 34356388] (WB)

Oka S, Chin A, Park J, et al. Thioredoxin-1 maintains mitochondrial function via mTOR signaling in the heart. Cardiovasc Res. 2019-10-04 [PMID: 31584633] (WB, Mouse)



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Products Related to NBP2-61474

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000070-P01-10ug	Recombinant Human Actin Alpha 1 Cardiac Muscle 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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