

Product Datasheet

SLTM Antibody - BSA Free

NBP2-38464

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 12/2/2025 v.20.1

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NBP2-38464

SLTM Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Description	Novus Biologicals Rabbit SLTM Antibody - BSA Free (NBP2-38464) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SLTM Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79811
Gene Symbol	SLTM
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (85%).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: STDTPNKKPTKGKGKKHEADLSGDASVEDDAFIKDCELENQEAHEQDGNDE LKDSEEFGENEEENVHSEKELLSAEENKRAHELIEAEGIEDIEKEDIESQEIEAQE GEDD

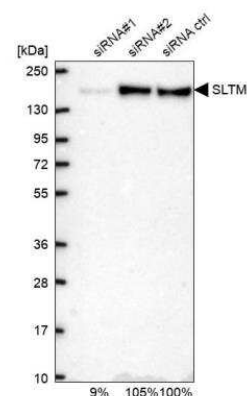
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

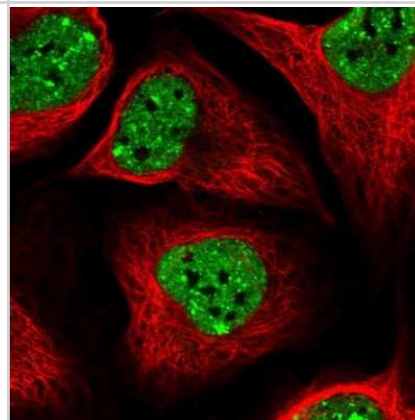


Images

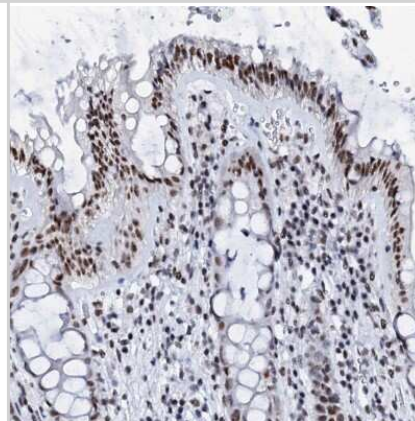
Western Blot: SLTM Antibody [NBP2-38464] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented.



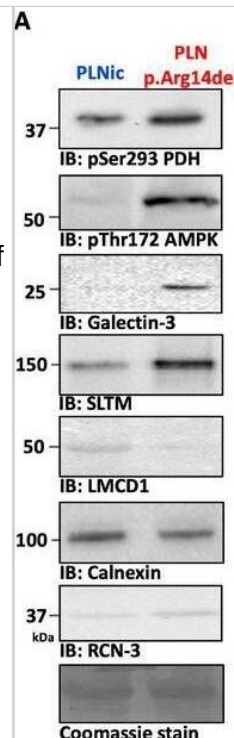
Immunocytochemistry/Immunofluorescence: SLTM Antibody [NBP2-38464] - Staining of human cell line U-2 OS shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: SLTM Antibody [NBP2-38464] - Staining of human rectum shows strong nuclear positivity in glandular cells.



Investigation of protein expression and localizationA, BWestern immunoblots for phosphorylated pyruvate dehydrogenase at pS293 (PDH; n = 6, each replicate consists of a pool of 3–4 EHTs from 2 different separate batches), AMP α dependent protein kinase at Thr172 (AMPK; n = 6, each replicate consists of a pool of 3–4 EHTs from 2 different separate batches), galectin α 3 (n = 3; each replicate consists of a pool of 3–4 EHTs from 2 different separate batches), SAFB α like transcription modulator (SLTM; n = 3; each replicate consists of a pool of 3–4 EHTs from 2 different separate batches), LIM and cysteine α rich domains 1 (LMCD1; n = 3; each replicate consists of a pool of 3–4 EHTs from 2 different separate batches), calnexin (n = 6; each replicate consists of a pool of 3–4 EHTs from 2 different separate batches), and reticulocalbin α 3 (RCN α 3; n = 3; each replicate consists of a pool of 3–4 EHTs from 2 different separate batches); Coomassie staining was used as a loading control, mean $\pm$ SEM, unpaired two α sided Student's t α test, *P < 0.05.CImmunofluorescence of 2D hiPSC α CM from PLN α ic and PLN p.Arg14del with antibodies recognizing calnexin (green), α α actinin (red), and DAPI staining for nuclei (blue); scale bar 20 μ m.Source data are available online for this figure. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/33998164>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Cuello F, Knaust AE, Saleem U et al. Impairment of the ER/mitochondria compartment in human cardiomyocytes with PLN p.Arg14del mutation EMBO molecular medicine 2021-05-16 [PMID: 33998164]



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Products Related to NBP2-38464

NBP2-38464PEP	SLTM Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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