

Product Datasheet

SERCA1 ATPase Antibody (JE45-75) NBP2-76891

Unit Size: 100 μ l

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

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NBP2-76891

SERCA1 ATPase Antibody (JE45-75)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE45-75
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	110 kDa

Product Description

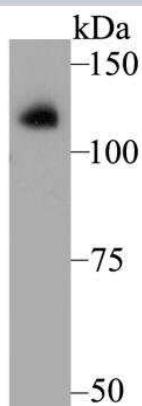
Host	Rabbit
Gene Symbol	ATP2A1
Species	Human
Immunogen	Synthetic peptide within Human SERCA1 ATPase aa 1-50 / 1,001. (SwissProt: O14983 Human)

Product Application Details

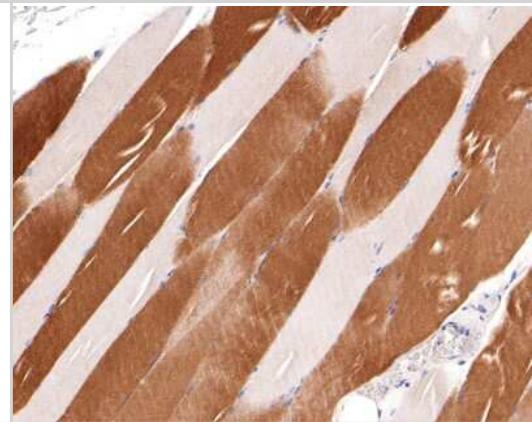
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunoprecipitation 1:10-1:50, Immunohistochemistry-Paraffin 1:50-1:400

Images

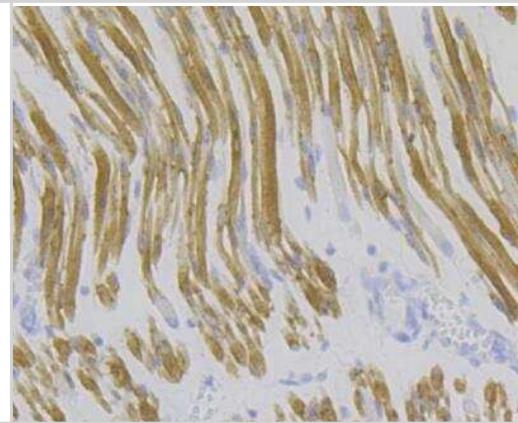
Western Blot: SERCA1 ATPase Antibody (JE45-75) [NBP2-76891] - Western blot analysis of SERCA1 ATPase on human fetal skeletal muscle tissue lysate. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody was used at a 1:500 dilution in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry-Paraffin: SERCA1 ATPase Antibody (JE45-75) [NBP2-76891] - Analysis of paraffin-embedded human striated muscle tissue with Rabbit anti-SERCA1 ATPase antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry: SERCA1 ATPase Antibody (JE45-75) [NBP2-76891] - Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-SERCA1 ATPase antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 mins. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody at 1/200 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.





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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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