

Product Datasheet

Aldolase C Antibody (PSH01-81) NBP3-32025

Unit Size: 100 ul

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

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NBP3-32025

Aldolase C Antibody (PSH01-81)

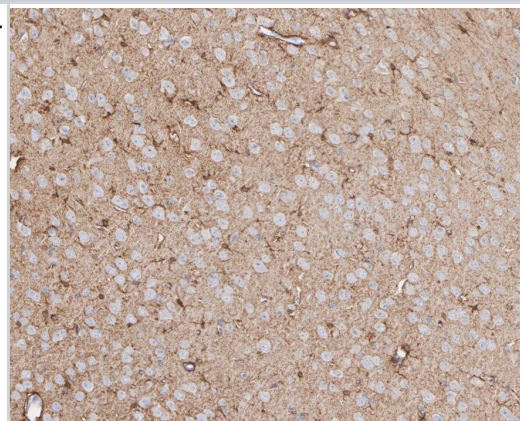
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH01-81
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	40 kDa
Product Description	
Host	Rabbit
Gene ID	230
Gene Symbol	ALDOC
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Aldolase C aa 50-100. (Uniprot: P09972)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000-1:5000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:20000



Images

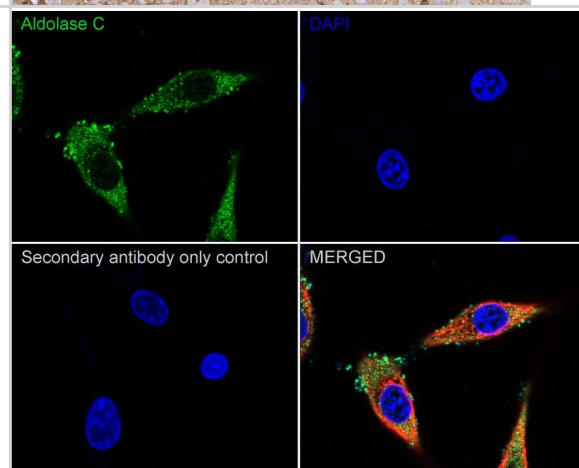
Immunohistochemistry: Aldolase C Antibody (PSH01-81) [NBP3-32025] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue with Rabbit anti-Aldolase C antibody (NBP3-32025) at 1/20,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32025) at 1/20,000 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.



Immunocytochemistry/ Immunofluorescence: Aldolase C Antibody (PSH01-81) [NBP3-32025] - Immunocytochemistry analysis of U-87 MG cells labeling Aldolase C with Rabbit anti-Aldolase C antibody (NBP3-32025) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-Aldolase C antibody (NBP3-32025) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Western Blot: Aldolase C Antibody (PSH01-81) [NBP3-32025] - Western blot analysis of Aldolase C on different lysates with Rabbit anti-Aldolase C antibody (NBP3-32025) at 1/2,000 dilution.

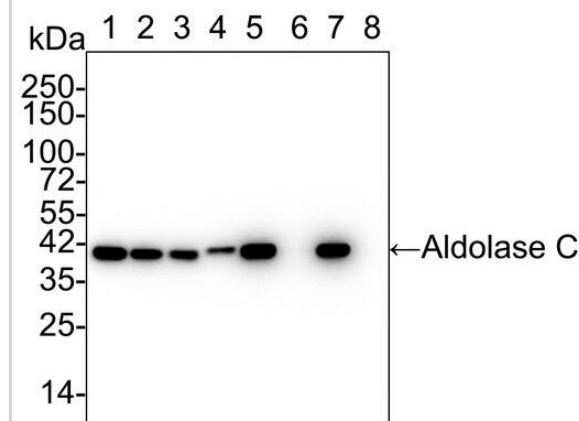
Lane 1: U-87 MG cell lysate
Lane 2: RAW264.7 cell lysate
Lane 3: C6 cell lysate
Lane 4: Human brain tissue lysate
Lane 5: Mouse brain tissue lysate
Lane 6: Mouse pancreas tissue lysate (negative)
Lane 7: Rat brain tissue lysate
Lane 8: Rat pancreas tissue lysate (negative)

Lysates/proteins at 20 µg/Lane.

Predicted band size: 40 kDa
Observed band size: 40 kDa

Exposure time: 19 seconds;
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDm/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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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.

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

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