

Product Datasheet

Ketohexokinase Antibody (PSH03-19) NBP3-32497

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP3-32497**Ketohexokinase Antibody (PSH03-19)**

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	PSH03-19
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	33 kDa

Product Description	
Description	Novus Biologicals Rabbit Ketohexokinase Antibody (PSH03-19) (NBP3-32497) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3795
Gene Symbol	KHK
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Ketohexokinase aa 1-298 / 298. (Uniprot: P50053)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000-1:5000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: Ketohehexokinase Antibody (PSH03-19) [NBP3-32497] -
Western blot analysis of Ketohehexokinase on different lysates with Rabbit anti-Ketohehexokinase antibody (NBP3-32497) at 1/2,000 dilution.

Lane 1: HepG2 cell lysate
Lane 2: Human liver tissue lysate
Lane 3: Human kidney tissue lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 33 kDa
Observed band size: 33 kDa

Exposure time: 11 seconds;

4-20% SDS-PAGE gel.

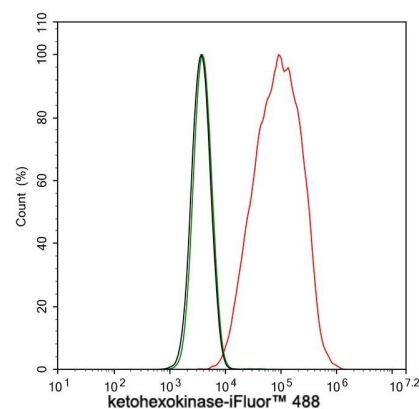
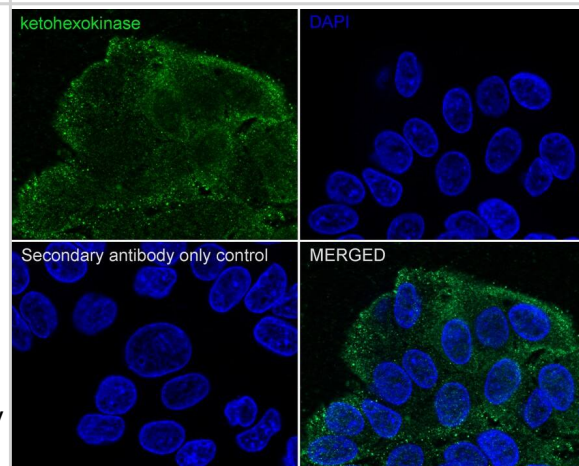
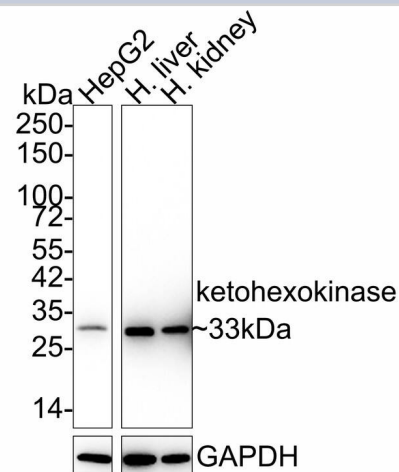
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32497) at 1/2,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: Ketohehexokinase Antibody (PSH03-19) [NBP3-32497] - Immunocytochemistry analysis of HepG2 cells labeling Ketohehexokinase with Rabbit anti-Ketohehexokinase antibody (NBP3-32497) 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-Ketohehexokinase antibody (NBP3-32497) 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.

Flow Cytometry: Ketohehexokinase Antibody (PSH03-19) [NBP3-32497] -
Flow cytometric analysis of HepG2 cells labeling Ketohehexokinase.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32497, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32497

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85790PEP	Ketohexokinase Recombinant Protein Antigen

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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