

Product Datasheet

SETD7 Antibody (PSH02-90)

NBP3-32945

Unit Size: 100 ul

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

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NBP3-32945

SETD7 Antibody (PSH02-90)

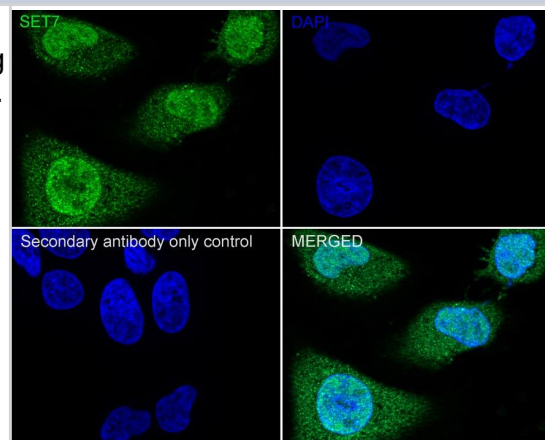
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-90
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	41 kDa
Product Description	
Host	Rabbit
Gene ID	80854
Gene Symbol	SETD7
Species	Human, Mouse, Rat, Monkey
Immunogen	Recombinant protein within human SETD7 aa 1-366 / 366. (Uniprot: Q8WTS6)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

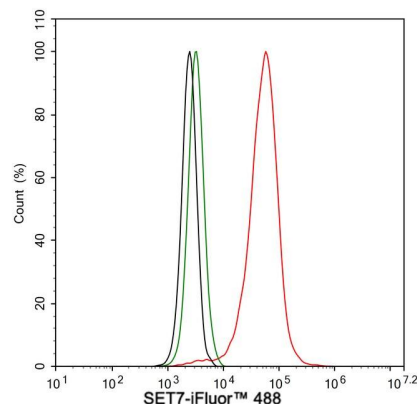
Immunocytochemistry/ Immunofluorescence: SETD7 Antibody (PSH02-90) [NBP3-32945] - Immunocytochemistry analysis of HeLa cells labeling SETD7 with Rabbit anti-SETD7 antibody (NBP3-32945) at 1/100 dilution.

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-SETD7 antibody (NBP3-32945) 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: SETD7 Antibody (PSH02-90) [NBP3-32945] - Flow cytometric analysis of HeLa cells labeling SETD7.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32945, 1 µg/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).



Western Blot: SETD7 Antibody (PSH02-90) [NBP3-32945] - Western blot analysis of SETD7 on different lysates with Rabbit anti-SETD7 antibody (NBP3-32945) at 1/2,000 dilution.

Lane 1: HeLa cell lysate
Lane 2: PC-3M cell lysate
Lane 3: Jurkat cell lysate
Lane 4: MCF7 cell lysate
Lane 5: NIH/3T3 cell lysate
Lane 6: RAW264.7 cell lysate
Lane 7: PC-12 cell lysate
Lane 8: COS-1 cell lysate

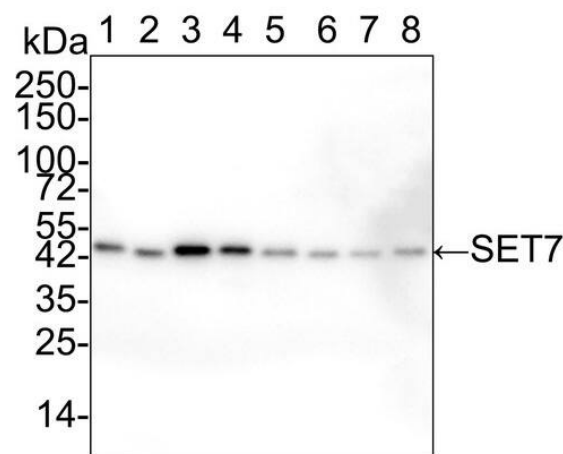
Lysates/proteins at 20 µg/Lane.

Predicted band size: 41 kDa
Observed band size: 50 kDa

Exposure time: 15 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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Products Related to NBP3-32945

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34101PEP	SETD7 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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