

Product Datasheet

IPMK Antibody - BSA Free NBP1-32250

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 3

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NBP1-32250

IPMK Antibody - BSA Free

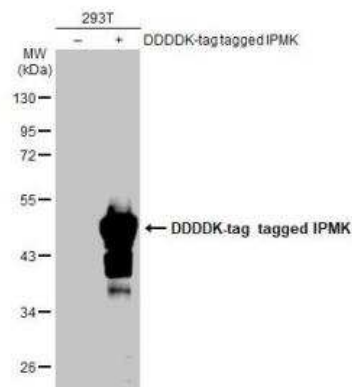
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	47 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit IPMK Antibody - BSA Free (NBP1-32250) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IPMK Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	253430
Gene Symbol	IPMK
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human IPMK. The exact sequence is proprietary.

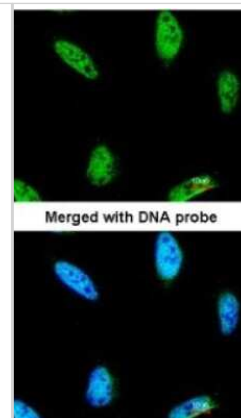
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin Assay dependent

Images

Western Blot: IPMK Antibody [NBP1-32250] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IPMK antibody [N1C2] diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody NBP2-19301) was used to detect the primary antibody.



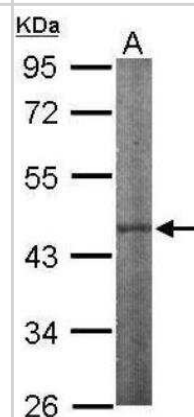
Immunocytochemistry/Immunofluorescence: IPMK Antibody [NBP1-32250] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



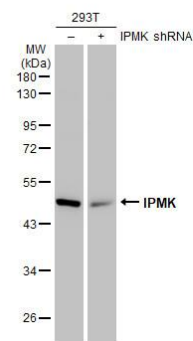
Immunohistochemistry-Paraffin: IPMK Antibody [NBP1-32250] - Mouse intestine. IPMK stained by IPMK antibody [N1C2] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



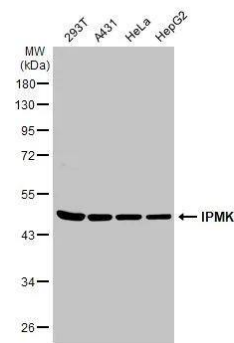
Western Blot: IPMK Antibody [NBP1-32250] - Sample (50 ug of whole cell lysate) A: Mouse brain 10% SDS PAGE diluted at 1:1000 The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



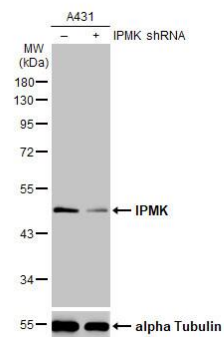
Western Blot: IPMK Antibody [NBP1-32250] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IPMK antibody [N1C2] diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IPMK antibody [N1C2] (NBP1-32250) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Non-transfected (-) and transfected (+) A431 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with IPMK antibody [N1C2] (NBP1-32250) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Hong S, Kim K, Shim YR et al. A non-catalytic role of IPMK is required for PLC γ 1 activation in T cell receptor signaling by stabilizing the PLC γ 1-Sam68 complex. *Cell communication and signaling* : CCS 2024-10-31 [PMID: 39478550]

Ik-Rak Jung, Rexford S. Ahima, Sangwon F. Kim, Giovanni Tarantino Time-Restricted Feeding Ameliorates Methionine–Choline Deficient Diet-Induced Steatohepatitis in Mice *International Journal of Molecular Sciences* 2024-01-23 [PMID: 38338668]

Tyagi R, Chakraborty S, Tripathi S et al. Inositol polyphosphate multikinase modulates redox signaling through nuclear factor erythroid 2-related factor 2 and glutathione metabolism *iScience* 2023-07-21 [PMID: 37456841] (WB, KO)



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Products Related to NBP1-32250

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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