

Product Datasheet

AMPK beta 1 Antibody (7G8U1) NBP3-16380-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-16380-100ul

AMPK beta 1 Antibody (7G8U1)

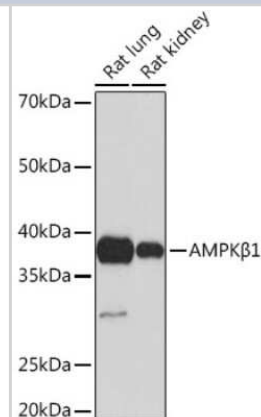
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7G8U1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit AMPK beta 1 Antibody (7G8U1) (NBP3-16380) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5564
Gene Symbol	PRKAB1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human AMPK beta 1 (Q9Y478). EEIKAPEKEEFLAWQHDLEVNDKAPAQARPTVFRWTGGGKEVYLSGSFNNWS KLPLTRSHNNFVAILDLPEGEHQYKFFVDGQWTHDPSEPIVTSQLGTVN

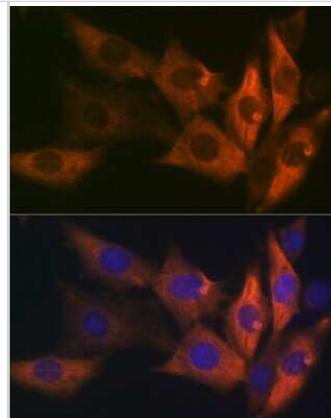
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

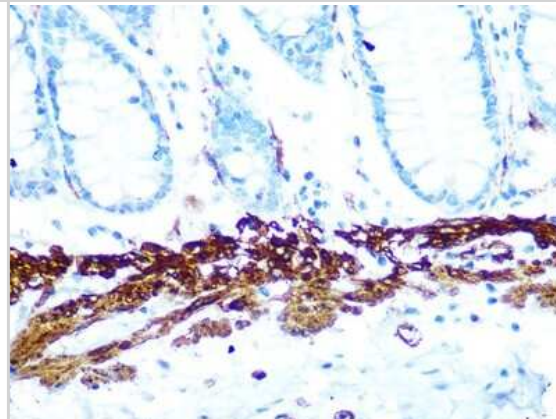
Western Blot: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Western blot analysis of extracts of various cell lines, using AMPK beta 1 Rabbit mAb (NBP3-16380) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



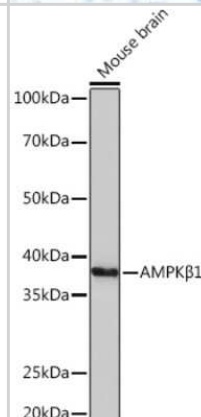
Immunocytochemistry/Immunofluorescence: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Immunofluorescence analysis of NIH-3T3 cells using AMPK beta 1 Rabbit mAb (NBP3-16380) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



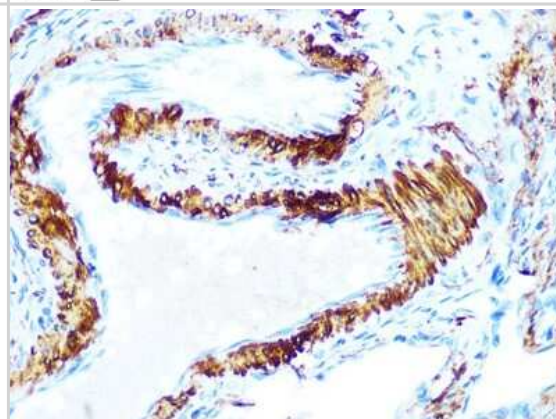
Immunohistochemistry-Paraffin: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Immunohistochemistry of paraffin-embedded human colon using AMPK beta 1 Rabbit mAb (NBP3-16380) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



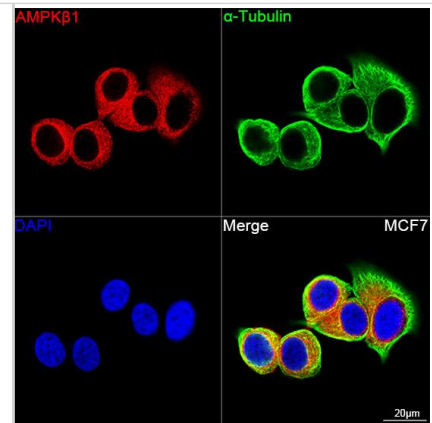
Western Blot: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Western blot analysis of extracts of Mouse brain, using AMPK beta 1 Rabbit mAb (NBP3-16380) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



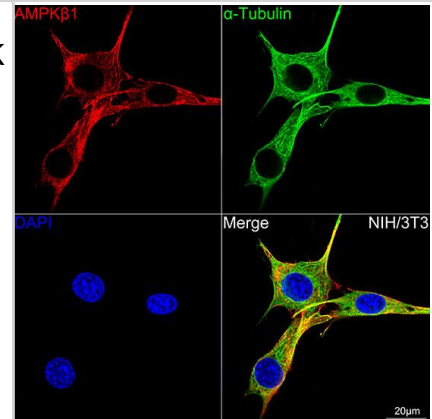
Immunohistochemistry-Paraffin: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Immunohistochemistry of paraffin-embedded rat ovary using AMPK beta 1 Rabbit mAb (NBP3-16380) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Confocal imaging of MCF7 cells using AMPK beta 1 Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: AMPK beta 1 Antibody (7G8U1) [NBP3-16380] - Confocal imaging of NIH/3T3 cells using AMPK beta 1 Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.





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Products Related to NBP3-16380-100ul

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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