

Product Datasheet

AMPK alpha 1/2 Antibody - BSA Free NBP3-05628

Unit Size: 100 ul

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

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NBP3-05628

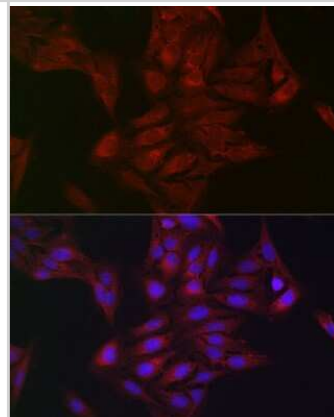
AMPK alpha 1/2 Antibody - BSA Free

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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	64 kDa
Product Description	
Description	Novus Biologicals Rabbit AMPK alpha 1/2 Antibody - BSA Free (NBP3-05628) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5562
Gene Symbol	PRKAA1
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 13-300 of human PRKAA1/PRKAA2 (NP_006242.5). AEKQKHDGRVKIGHYILGDTLGVGTFGKVKGKHELTGHKVAVKILNRQKIRSL DVVGKIRREIQNLKLFRRHPHIIKLYQVISTPSDIFMVMEYVSSGGELFDYICKNGRL DEKESRRLFQQILSGVDYCHRHMVVHRDLKPEENVLLDAHMNAKIADFGLSNMM SDGEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSSGVILYALLCGTLPFDDDH VPTLFKKICDGIFYTPQYLNPVISLLKHMLQVDPMPKRATIKDIREHEWFKQDLP KYLPEDPSYSSTMID
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

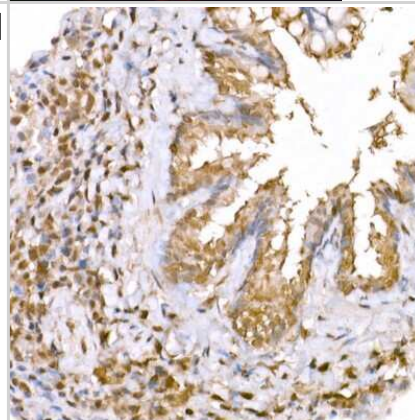


Images

Immunocytochemistry/Immunofluorescence: AMPK alpha 1/2 Antibody [NBP3-05628] - Immunofluorescence analysis of U2OS cells using AMPK alpha 1/2 Rabbit pAb (NBP3-05628) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



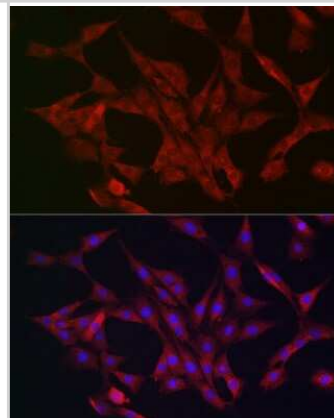
Immunohistochemistry-Paraffin: AMPK alpha 1/2 Antibody [NBP3-05628] - Immunohistochemistry of paraffin-embedded rat lung using AMPK alpha 1/2 Rabbit pAb (NBP3-05628) at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



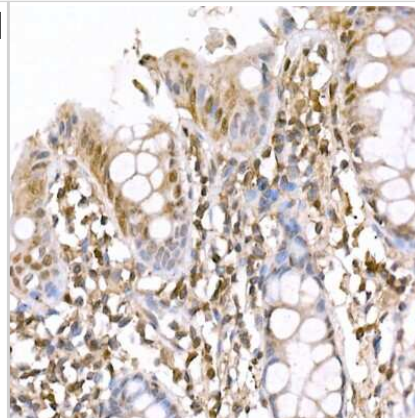
Immunocytochemistry/Immunofluorescence: AMPK alpha 1/2 Antibody [NBP3-05628] - Immunofluorescence analysis of NIH/3T3 cells using AMPK alpha 1/2 Rabbit pAb (NBP3-05628) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



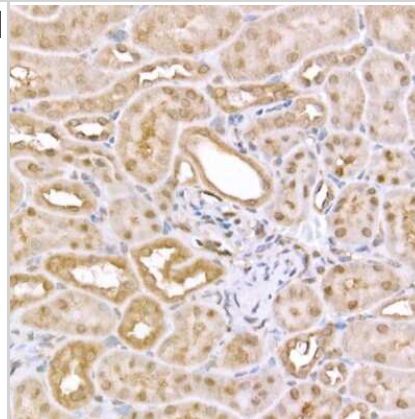
Immunocytochemistry/Immunofluorescence: AMPK alpha 1/2 Antibody [NBP3-05628] - Immunofluorescence analysis of PC-12 cells using AMPK alpha 1/2 Rabbit pAb (NBP3-05628) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



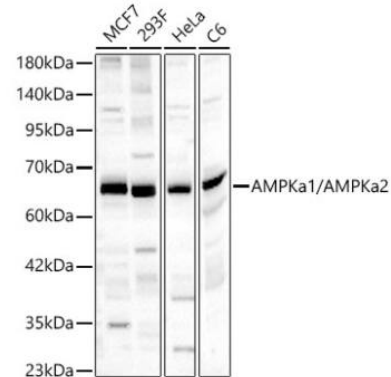
Immunohistochemistry-Paraffin: AMPK alpha 1/2 Antibody [NBP3-05628]
 - Immunohistochemistry of paraffin-embedded human colon using AMPK alpha 1/2 Rabbit pAb (NBP3-05628) at dilution of 1:25 (40x lens).
 Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



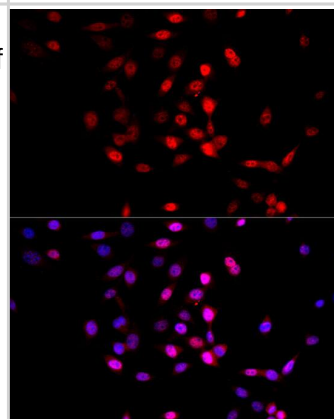
Immunohistochemistry-Paraffin: AMPK alpha 1/2 Antibody [NBP3-05628]
 - Immunohistochemistry of paraffin-embedded mouse kidney using AMPK alpha 1/2 Rabbit pAb (NBP3-05628) at dilution of 1:25 (40x lens).
 Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



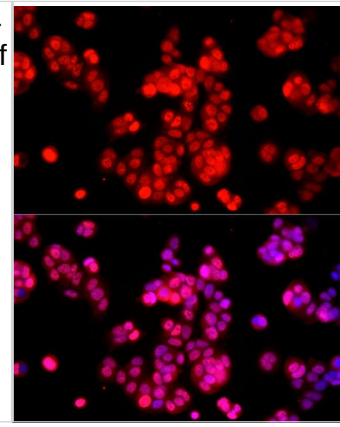
Western Blot: AMPK alpha 1/2 Antibody [NBP3-05628] -Analysis of various lysates, using AMPK α 1/AMPK α 2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.



Immunocytochemistry/ Immunofluorescence: AMPK alpha 1/2 Antibody - Azide and BSA Free [AMPK alpha 1/2] - Immunofluorescence analysis of NIH/3T3 cells using AMPK alpha 1/2 Rabbit pAb at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunocytochemistry/ Immunofluorescence: AMPK alpha 1/2 Antibody - Azide and BSA Free [AMPK alpha 1/2] - Immunofluorescence analysis of MCF7 cells using AMPK alpha 1/2 Rabbit pAb at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-05628

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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