

Product Datasheet

AMPK alpha 1/2 [p Thr172, p Thr183] Antibody (200P9) NBP3-33579-100ul

Unit Size: 100 ul

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

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NBP3-33579-100ul

AMPK alpha 1/2 [p Thr172, p Thr183] Antibody (2O0P9)

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	2O0P9
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	64 kDa

Product Description	
Description	Novus Biologicals Rabbit AMPK alpha 1/2 [p Thr172, p Thr183] Antibody (2O0P9) (NBP3-33579) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5562
Gene Symbol	PRKAA1
Species	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around T183/T172 of human AMPK alpha 1/2 (NP_006242.5/NP_006243.2). Sequence: LRTSC

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA Recommended starting concentration is 1 ug/mL



Images

Western Blot: AMPK alpha 1/2 [p Thr172, p Thr183] Antibody (2O0P9) [NBP3-33579] - Western blot analysis of lysates from C2C12 cells, using AMPK alpha 1/2 Rabbit mAb at 1:1000 dilution. C2C12 cells were treated by mHGF(50ng/uL).

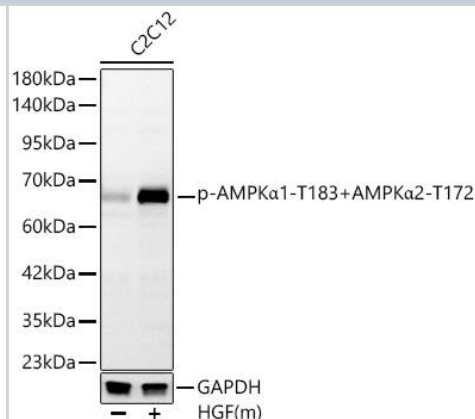
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 30s.



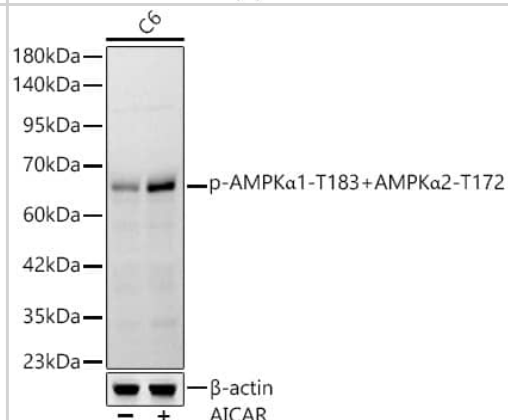
Western Blot: AMPK alpha 1/2 [p Thr172, p Thr183] Antibody (2O0P9) [NBP3-33579] - Western blot analysis of lysates from C6 cells, using AMPK alpha 1/2 Rabbit mAb at 1:1000 dilution. C6 cells were treated by AICAR (0.5 mM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

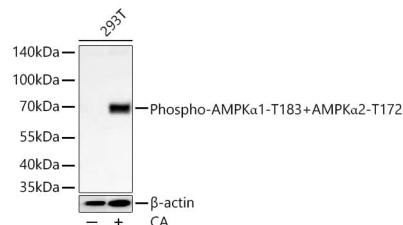
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 30s.



Analysis of lysates from 293T cells using Phospho-AMPKα1-T183+AMPKα2-T172 Rabbit mAb at 1:1000 dilution incubated overnight at 4°C. 293T cells were treated with CA (100 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 30 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.





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Products Related to NBP3-33579-100ul

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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