

Product Datasheet

AMPK beta 1 Antibody (SD082-06) NBP2-67787

Unit Size: 100 ul

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

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NBP2-67787

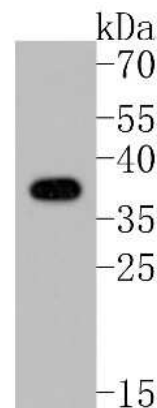
AMPK beta 1 Antibody (SD082-06)

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	SD082-06
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Host	Rabbit
Gene Symbol	PRKAB1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human AMPK beta 1 aa 90-130. (SwissProt: Q9Y478 Human; SwissProt: Q9R078 Mouse; SwissProt: P80386 Rat)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

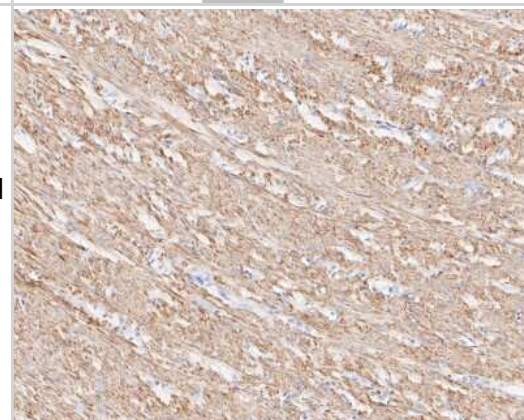


Images

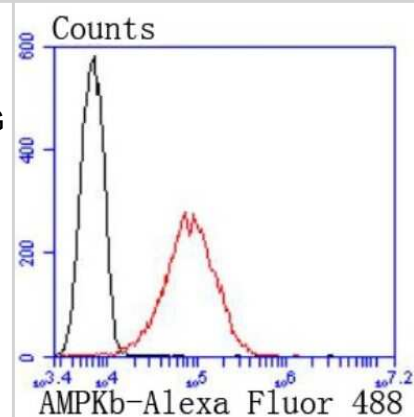
Western Blot: AMPK beta 1 Antibody (SD082-06) [NBP2-67787] -
Western blot analysis of AMPK beta 1 on A431 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat An



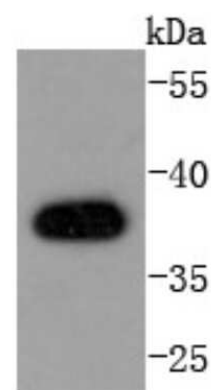
Immunohistochemistry-Paraffin: AMPK beta 1 Antibody (SD082-06) [NBP2-67787] - Immunohistochemical analysis of paraffin-embedded human smooth muscle tissue using anti-AMPK beta 1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Flow Cytometry: AMPK beta 1 Antibody (SD082-06) [NBP2-67787] -
Analysis of A431 cells with AMPK beta 1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



Western Blot: AMPK beta 1 Antibody (SD082-06) [NBP2-67787] -
Analysis of AMPK beta 1 on A431 cells lysates using anti-AMPK beta 1 antibody at 1/1,000 dilution.





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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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