

# Product Datasheet

## AMPK alpha 2 Antibody NBP1-49859

Unit Size: 0.1 mg

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

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**NBP1-49859****AMPK alpha 2 Antibody****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

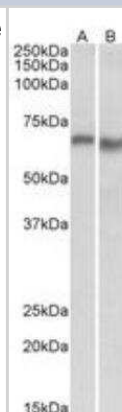
<b>Host</b>	Goat
<b>Gene ID</b>	5563
<b>Gene Symbol</b>	PRKAA2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Peptide with sequence CPLDALNTTKP, from the internal region of the protein sequence according to NP_006243.2.

**Product Application Details**

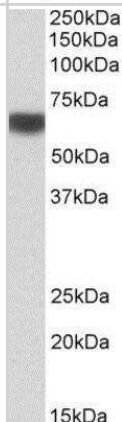
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/mL, Peptide ELISA 1:16000

**Images**

Western Blot: AMPK alpha 2 Antibody [NBP1-49859] - Staining of Mouse (A) and Rat (B) Heart lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: AMPK alpha 2 Antibody [NBP1-49859] - Staining of Human Liver lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Dong Y, Zhang M, Liang B et al. Reduction of AMP-activated protein kinase alpha2 increases endoplasmic reticulum stress and atherosclerosis in vivo. *Circulation* 2010-02-01 [PMID: 20124121]





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### **Products Related to NBP1-49859**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00005563-Q01-10ug	Recombinant Human AMPK alpha 2 GST (N-Term) Protein

### **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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