

# Product Datasheet

## AMPK alpha 1 [p Ser496] Antibody NB100-81784

Unit Size: 0.05 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Reviews: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-81784](http://www.novusbio.com/NB100-81784)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-81784](http://www.novusbio.com/reviews/destination/NB100-81784)



**NB100-81784****AMPK alpha 1 [p Ser496] Antibody**

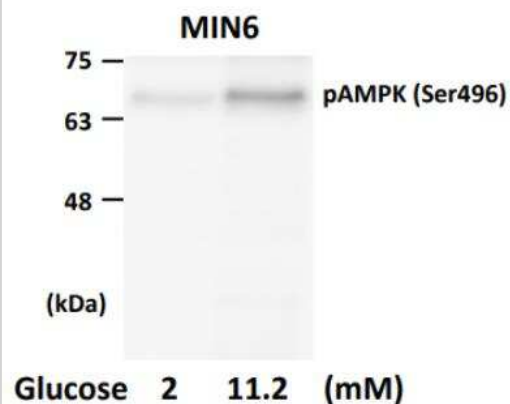
Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 50% glycerol, 0.5% BSA
Target Molecular Weight	62 kDa

Product Description	
Host	Rabbit
Gene ID	5562
Gene Symbol	PRKAA1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported from a verified customer review.
Specificity/Sensitivity	Detects endogenous levels of AMPK alpha 1 only when phosphorylated at serine 496
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human AMPK alpha 1 around the phosphorylation site of serine 496 (S-G- SP-V-S).

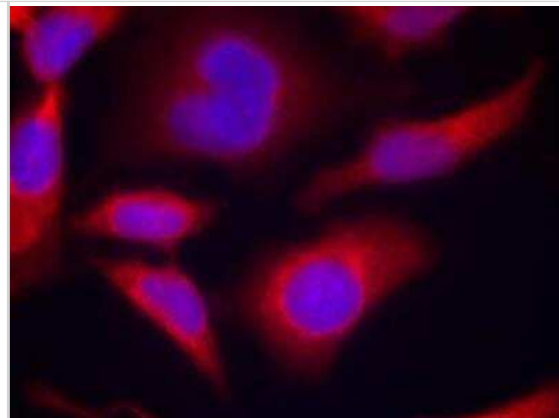
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:100-1:300, Immunocytochemistry/ Immunofluorescence 1:50-200, Immunohistochemistry-Paraffin 1:50-1:100

**Images**

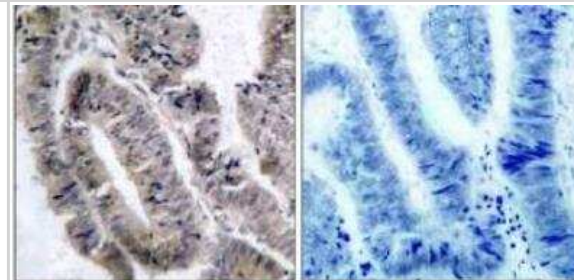
Western Blot: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - Immunoblot analysis of total cell extracts from MIN6 cells grown in the medium containing indicated glucose using AMPK alpha 1 (Phospho-Ser496) Antibody. This image was submitted via customer review.



Immunocytochemistry/Immunofluorescence: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - Staining of methanol-fixed Hela cells using NB100-81784

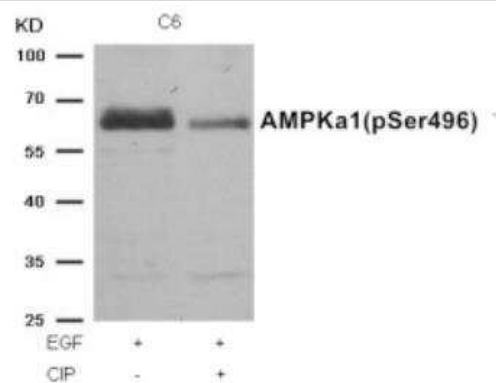


Immunohistochemistry-Paraffin: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - Paraffin-embedded human colon carcinoma tissue using NB100-81784 (left) or the same antibody preincubated with blocking peptide (right).

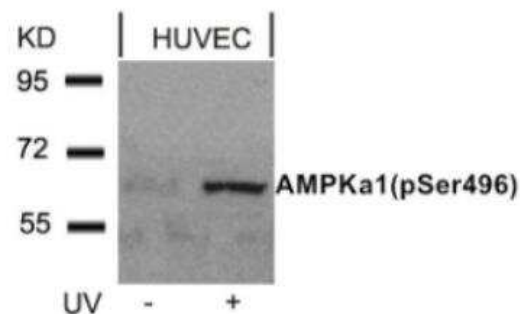


P-Peptide - +

Western Blot: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - analysis of extracts from C6 cells, treated with EGF or calf intestinal phosphatase (CIP), using AMPK alpha1 (Phospho-Ser496) Antibody.



Western Blot: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - Analysis of extracts from HUVEC cells untreated or treated with UV using AMPK alpha 1(Phospho-Ser496)Antibody





### **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 NB100-81784**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51992-0.1mg	Recombinant Human AMPK alpha 1 His 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-81784](http://www.novusbio.com/reviews/submit/NB100-81784)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

