

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.

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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

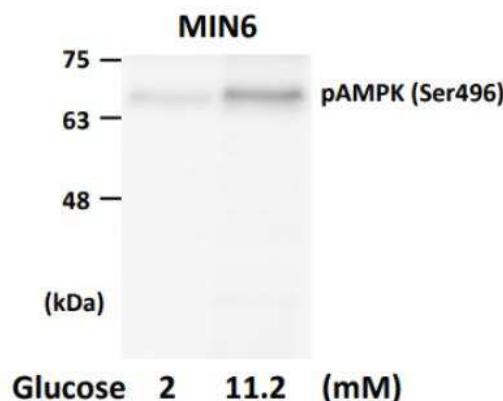
Description	Novus Biologicals Rabbit AMPK alpha 1 [p Ser496] Antibody (NB100-81784) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5562
Gene Symbol	PRKAA1
Species	Human, Mouse, Rat
Reactivity Notes	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

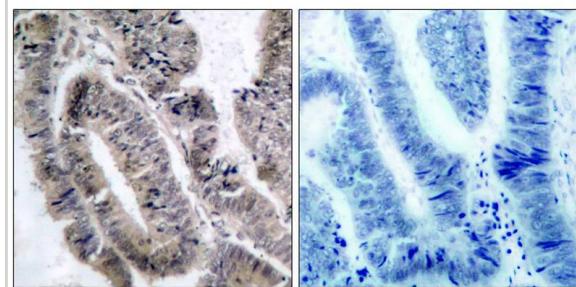
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:100-1:300, Immunocytochemistry/ Immunofluorescence 1:50-200, Immunohistochemistry- Paraffin 1:50-1:100

Images

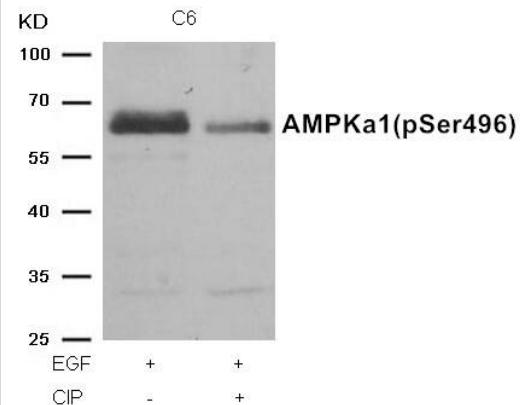
Western Blot: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - Immunoblot analysis of total cell extracts from MIN6 cells grown in the medium containing indicated glucose using AMPK alpha 1 (Phospho-Ser496) Antibody. This image was submitted via customer review.



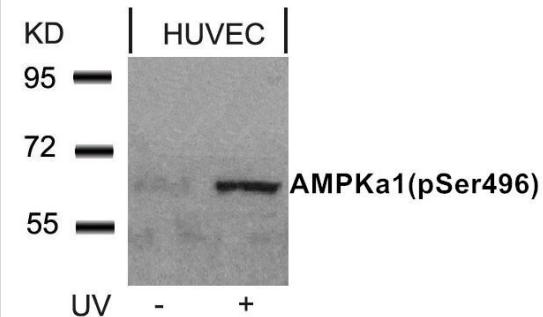
Immunohistochemistry-Paraffin: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - Paraffin-embedded human colon carcinoma tissue using NB100-81784 or the same antibody preincubated with blocking peptide (right).



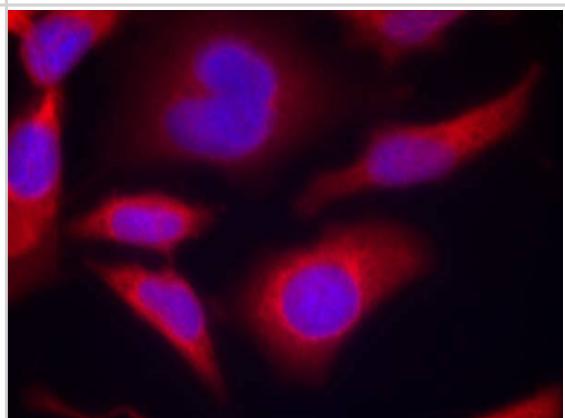
Western Blot: AMPK alpha 1 [p Ser496] Antibody [NB100-81784] - analysis of extracts from C6 cells, treated with EGF or calf intestinal phosphatase (CIP), using NB100-81784.



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



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





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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.

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