

AMPK alpha 1 (phospho Ser496) antibody

Cat. No. GTX50224

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Rat

References (1)

Package

100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ICC/IF	1:100-1:200
IHC-P	1:50-1:100

Not tested in other applications.

Calculated MW 64 kDa. ([Note](#))

Properties

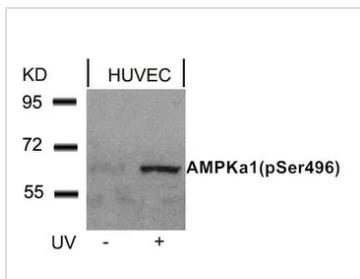
Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide sequence around phosphorylation site of serine 487 (S-G- S(P)-V-S) derived from human AMPK alpha 1.
Purification	Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Conjugation	Unconjugated
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Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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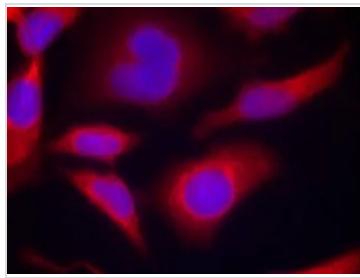
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DATA IMAGES



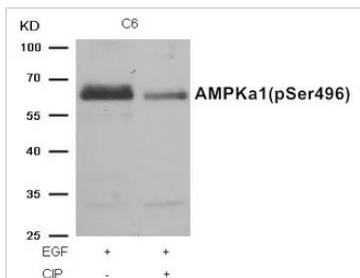
GTX50224 WB Image

WB analysis of extracts from HUVEC cells untreated or treated with UV using GTX50224 AMPK alpha 1 (phospho Ser496) antibody.



GTX50224 ICC/IF Image

ICC/IF analysis of methanol-fixed HeLa cells using GTX50224 AMPK alpha 1 (phospho Ser496) antibody.



GTX50224 WB Image

WB analysis of extracts from C6 cells treated with EGF or calf intestinal phosphatase (CIP) using GTX50224 AMPK alpha 1 (phospho Ser496) antibody.



GTX50224 IHC-P Image

IHC-P analysis of human colon carcinoma tissue using GTX50224 AMPK alpha 1 (phospho Ser496) antibody.

Left : Primary antibody

Right : Primary antibody pre-incubated with the antigen specific peptide



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