

## AMPK alpha 1 (Phospho-Ser496) Rabbit mAb

Catalog No: #14215

Package Size: #14215-1 50ul #14215-2 100ul

Orders: order@signalwayantibody.com

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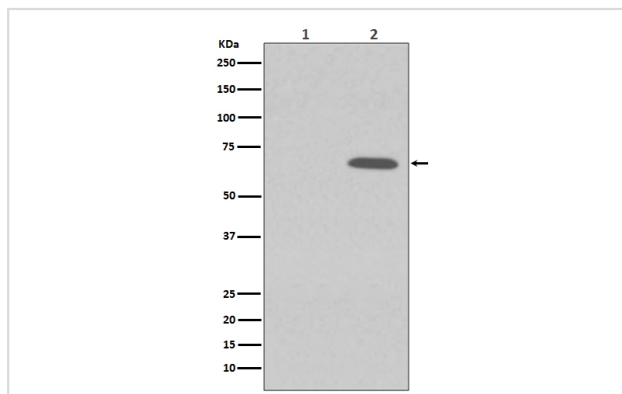
## Description

Product Name	AMPK alpha 1 (Phospho-Ser496) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF IP
Species Reactivity	Human
Specificity	Phospho-AMPK alpha 1 (S496) Antibody detects endogenous levels of Phospho-AMPK alpha 1 (S496)
Immunogen Description	A synthesized peptide derived from human AMPK alpha 1
Other Names	5'-AMP-activated protein kinase catalytic subunit alpha-1; AAPK1; AMP-activate kinase alpha 1 subunit; AMP-activated protein kinase; AMPK; AMPK alpha 1; AMPK subunit alpha-1; PRKAA 1; ACACA kinase;
Accession No.	Uniprot:Q13131
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Calculated MW	64kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

## Application Details

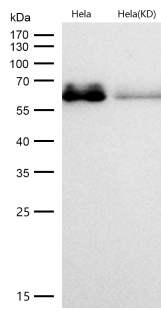
WB:1:1000~1:2000ICC/IF:1:50~1:200IP:1:50

## Images



Western blot analysis of Phospho-AMPK alpha 1 (S496) expression in (1) 293T cell lysate treated with LP; (2) 293T cell lysate.

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



## Product Description

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. Accumulating evidence indicates that AMPK not only regulates the metabolism of fatty acids and glycogen, but also modulates protein synthesis and cell growth through EF2 and TSC2/mTOR pathways, as well as blood flow via eNOS/nNOS.

Note: This product is for in vitro research use only