AMPK alpha 1 (Phospho-Ser496) Rabbit mAb

Catalog No: #14215

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



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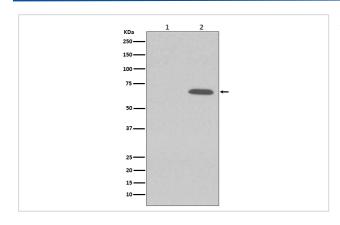
Descr	iption
Product	Name

Product Name	AMPK alpha 1 (Phospho-Ser496) Rabbit mAb	
Host Species	Recombinant Rabbit	
Clonality	Monoclonal	
Isotype	Rabbit IgG	
Purification	Affinity-chromatography	
Applications	WB ICC/IF	
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	
Conjugates	Unconjugated	
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	
Calculated MW	64 kDa	
SDS-PAGE MW	64 kDa	
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Storage	Store at +4°C short term. Store at -20°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.

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 and is not intended for use in humans or animals.