

AMPK alpha 1 (Phospho-Ser496) Conjugated Antibody

Catalog No: #C14215

Orders: order@signalwayantibody.com
 Package Size: #C14215-AF350 100ul #C14215-AF405 100ul #C14215-AF488 100ul #C14215-AF555 100ul #C14215-AF594 100ul

 Support: support@signalwayantibody.com

#C14215-AF647 100ul #C14215-AF680 100ul #C14215-AF750 100ul #C14215-Biotin 100ul #C14215-Conjugated 50ul

Description

Product Name	AMPK alpha 1 (Phospho-Ser496) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, 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	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	5'-AMP-activated protein kinase catalytic subunit alpha-1; AAKP1; 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	64kDa
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

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.