

**Product Name: Phospho-AMPK alpha 1 (Ser496) Rabbit
Monoclonal Antibody
Catalog #: AMRe02837**

Summary

Production Name	Phospho-AMPK alpha 1 (Ser496) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PRKAA1
Alternative Names	PRKAA1; AMPK1; 5'-AMP-activated protein kinase catalytic subunit alpha-1; AMPK subunit alpha-1; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase; Tau-protein kinase PRKAA1
Gene ID	5562
SwissProt ID	Q13131

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
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Molecular Weight

Calculated MW: 64 kDa; Observed MW: 64 kDa

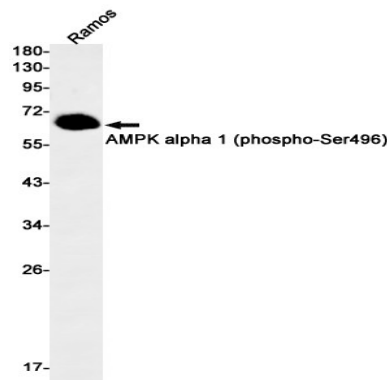
Background

AMPKA1 a protein kinase of the CAMKL family that plays a central role in regulating cellular and organismal energy balance in response to the balance between AMP/ATP, and intracellular Ca(2+) levels.

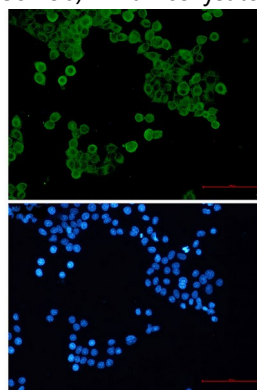
Research Area

Neuroscience

Image Data



Western blot analysis of AMPK alpha 1 (Phospho-Ser496) in Ramos lysates using Phospho-AMPK alpha 1 (Ser496) antibody.



Immunocytochemistry analysis of AMPK alpha 1 (Phospho-Ser496) (green) in HeLa using AMPK alpha 1 (Phospho-Ser496) antibody, and DAPI (blue)

Note

For research use only.

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