

AMPK α 1/2 (Phospho-Thr183/Thr172) Rabbit mAb

Catalog No: #14334

Package Size: #14334-1 50ul #14334-2 100ul

Description

Product Name	AMPK α 1/2 (Phospho-Thr183/Thr172) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4373
Purification	Protein A
Applications	WB, ICC/IF, IHC
Species Reactivity	Human;Mouse;Rat
Specificity	AMPK α 1/2 (Phospho-Thr183/Thr172) Antibody detects endogenous levels of Tau protein only when phosphorylated at Thr183/Thr172.
Target Name	AMPK α 1/2
Modification	Phospho
Other 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;PRKAA2;AMPK;
Accession No.	Q13131;P54646
Calculated MW	Predicted band size: 62,64 kDa
SDS-PAGE MW	Observed band size: 62 kDa
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage	Store at -20°C /1 year

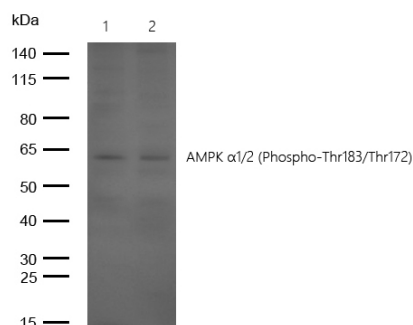
Application Details

WB: 1:500-1:2000

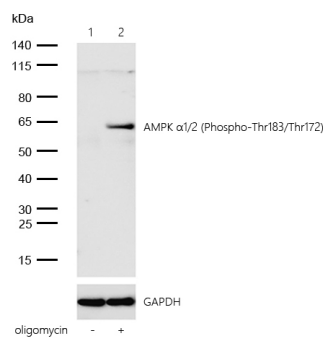
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

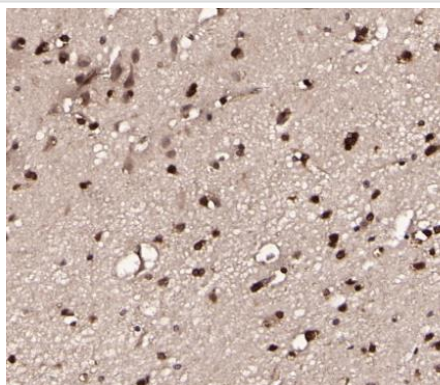
Images



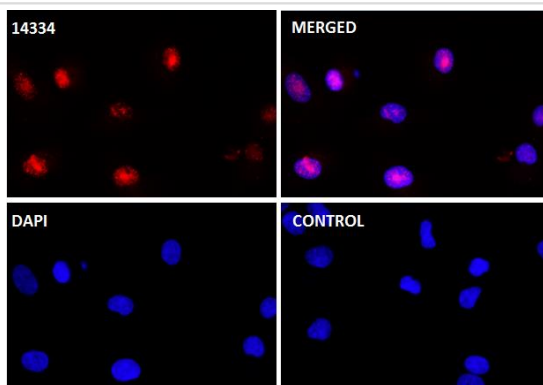
All lanes : AMPK α 1/2 (Phospho-Thr183/Thr172) Rabbit mAb at 1/1k dilution
Lane 1 : SH-SY5Y whole cell lysates
Lane 2 : C2C12 whole cell lysates
Lysates/proteins at 20 μ g per lane.
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 62,64 kDa
Observed band size: 62 kDa
Exposure time: 15 seconds



All lanes : AMPK α 1/2 (Phospho-Thr183/Thr172) Rabbit mAb at 1/1k dilution
 Lane 1 : C6 whole cell lysates
 Lane 2 : C6 treated with 0.5 μ M oligomycin for 30 minutes whole cell lysates
 Lysates/proteins at 20 μ g per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 62,64 kDa Observed band size: 62 kDa
 Exposure time: 9 seconds



Formalin-fixed, paraffin-embedded human brain tissue stained for AMPK α 1/2 (Phospho-Thr183/Thr172) using 14334 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/Immunofluorescence AMPK α 1/2 (Phospho-Thr183/Thr172) antibody (14334)
 ICC/IF staining of AMPK α 1/2 (Phospho-Thr183/Thr172) in A594 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.
 Samples were incubated with 14334 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.
 The negative control is shown in bottom right hand panel - for the negative control. Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.