

Product Datasheet

AMPK alpha 1/2 Rabbit Polyclonal Antibody (orb667799)

Catalog Number	orb667799
Category	Antibodies
Description	The AMPK alpha 1/2 Antibody is suitable for IF, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human AMPK alpha 1/2. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	PRKAA1; PRKAA2
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Recombinant fusion protein of human AMPK alpha 1/2. The exact sequence is proprietary.
UniProt ID	P54646, Q09137, Q8BRK8, Q5EG47, P54645, Q13131
Tested applications	IF, WB

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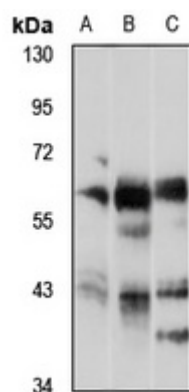
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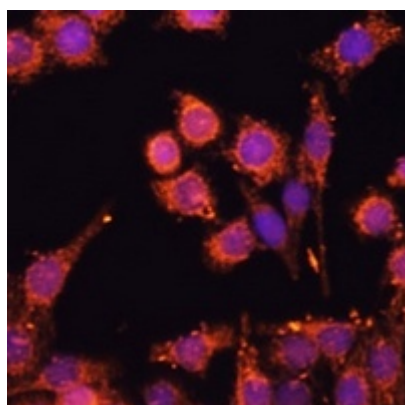
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Dilution range	WB: 1-500-2000, IF: 1-50-200
Specificity	Recognizes endogenous levels of AMPK alpha 1/2 protein
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	5562, 105787, 5563, 65248, 108079, 78975
Expiration Date	12 months from date of receipt.



Western blot analysis of AMPK alpha 1/2 expression in HeLa (A), mouse brain (B), rat heart (C) whole cell lysates. (Predicted band size: 64; 65 kD; Observed band size: 62 kD)



Immunofluorescent analysis of AMPK alpha 1/2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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