

AMPK α 12 (Phospho-Thr183/Thr172) Rabbit mAb (AR1871)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IF, ELISA
Isotype:	IgG, Kappa
MW:	62kDa, 64kDa (Calculated) 62kDa (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	AMPK α 1/2 (Phospho-Thr183/Thr172) Antibody detects endogenous levels of Tau protein only when phosphorylated at Thr183/Thr172. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):LRtSC
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Target Information

Gene name	AAPK1/AAPK2
Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-1/2

Organism	Gene ID	UniProt ID
Human	5562; 5563	Q13131; P54646
Mouse	105787; 108079	
Rat	65248; 78975	P54645; Q09137

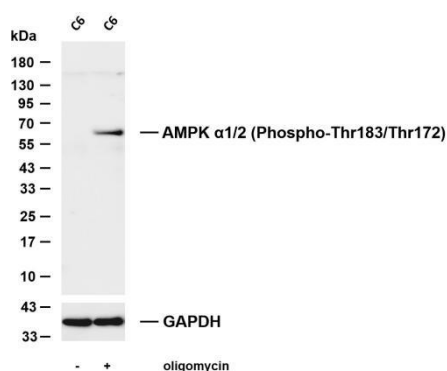
Cellular Localization

Cytoplasm. Nucleus. In response to stress, recruited by p53/TP53 to specific promoters.

Tissue specificity

Brain, Intestine, Liver, Mammary gland, Platelet, Testis

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-AMPK α 1/2 (Phospho-Thr183/Thr172) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: C6

Lane 2: C6 was treated oligomycin(0.5 μ M) for 30 minutes

Predicted band size: 62,64kDa

Observed band size: 62kDa

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