

AMPK $\alpha$ 1 Polyclonal Antibody

Catalog No: #40585



Package Size: #40585-1 50ul #40585-2 100ul

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## Description

Product Name	AMPK $\alpha$ 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	AMPK $\alpha$ 1 Polyclonal Antibody detects endogenous levels of AMPK $\alpha$ 1 protein.
Immunogen Description	Synthesized peptide derived from human AMPK $\alpha$ 1 around the non-phosphorylation site of S496.
Conjugates	Unconjugated
Target Name	AMPK $\alpha$ 1
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
Accession No.	Swiss-Prot: Q13131NCBI Gene ID: 5562
SDS-PAGE MW	65kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

## Application Details

Western Blot: 1/500 - 1/2000.

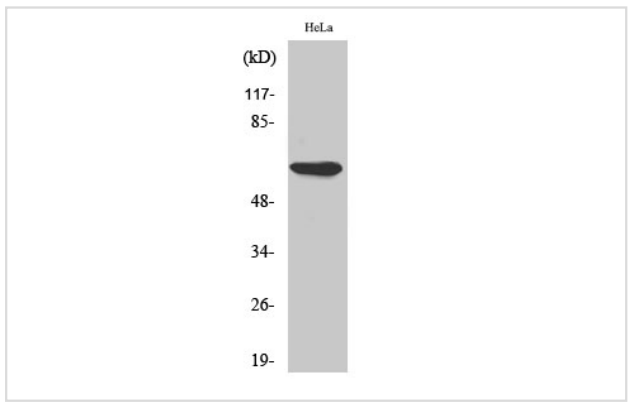
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

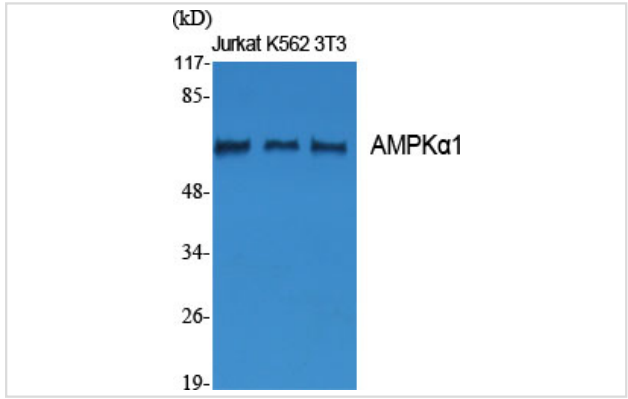
ELISA: 1/10000.

Not yet tested in other applications.

## Images



Western Blot analysis of HeLa cells using AMPK $\alpha$ 1 Polyclonal Antibody



Western Blot analysis of Jurkat K562 NIH-3T3 cells using AMPK $\alpha$ 1 Polyclonal Antibody

## Published Papers

et al., Leu452His mutation in lipoprotein lipase gene transfer associated with hypertriglyceridemia in mice in vivo. In PLoS One on 2013 Sep 26 by Kaiyue Sun, Wei Yang, et al..PMID:24086538, , (2013)

[PMID:24086538](#)

Anni Zheng;Anni Zheng;Anni Zheng;Sufei Song;Sufei Song;Sufei Song;Qiuling Xu;Qiuling Xu;Qiuling Xu;Tao Liu;Tao Liu;Tao Liu et al., Potential Mechanisms for Shenling Baizhu Powder in the Treatment of MAFLD Based on Network Pharmacology and Experimental Validation, , (2025)

[PMID:](#)

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