

Datasheet for ABIN3020064

**anti-MAPK14 antibody (pThr180, pTyr182)****3** Images**3** Publications[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	MAPK14
Binding Specificity:	pThr180, pTyr182
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK14 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)

## Target Details

Target:	MAPK14
Alternative Name:	MAPK14 ( <a href="#">MAPK14 Products</a> )
Molecular Weight:	360 kDa
Gene ID:	1432
UniProt:	<a href="#">Q16539</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> ,

Target Details

Cellular Response to Molecule of Bacterial Origin, Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Hepatitis C, Toll-Like Receptors Cascades, Autophagy, Thromboxane A2 Receptor Signaling, BCR Signaling, S100 Proteins

Application Details

Restrictions: For Research Use only

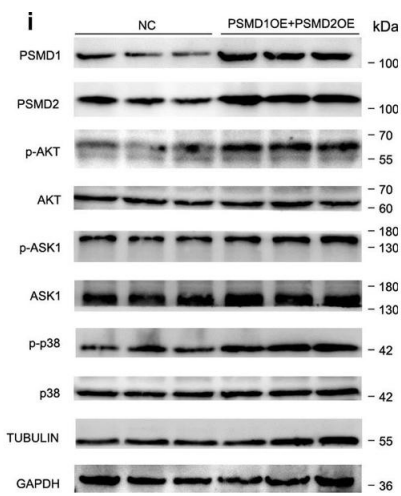
Publications

Product cited in: Kumar, Wang, Liu, Ding, Dong, Zheng, Ye, Liu: "Hypoxia-Induced Mitogenic Factor Promotes Cardiac Hypertrophy via Calcium-Dependent and Hypoxia-Inducible Factor-1α Mechanisms." in: **Hypertension (Dallas, Tex. : 1979)**, Vol. 72, Issue 2, pp. 331-342, (2018) ([PubMed](#)).

Dong, Liu, Meng, Liu, Bi, Wu, Jin, Yao, Tang, Wang, Li, Zhang, Yu, Zhan, Chen, Ge, Yang, Li: "Keratin 8 limits TLR-triggered inflammatory responses through inhibiting TRAF6 polyubiquitination." in: **Scientific reports**, Vol. 6, pp. 32710, (2018) ([PubMed](#)).

Xiao, Deng, Lv, Kang, Ma, Yan, Song, Gao, Zhang, Xu: "Hydrogen Peroxide Induce Human Cytomegalovirus Replication through the Activation of p38-MAPK Signaling Pathway." in: **Viruses**, Vol. 7, Issue 6, pp. 2816-33, (2016) ([PubMed](#)).

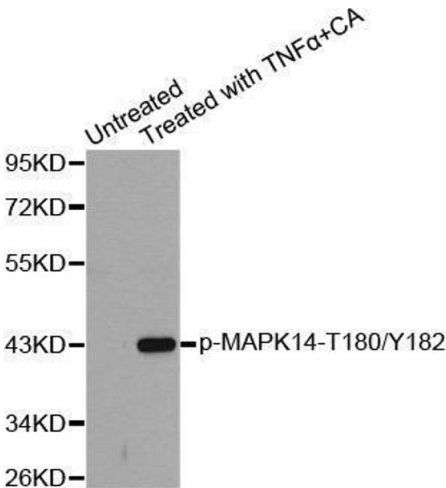
Images



**Western Blotting**

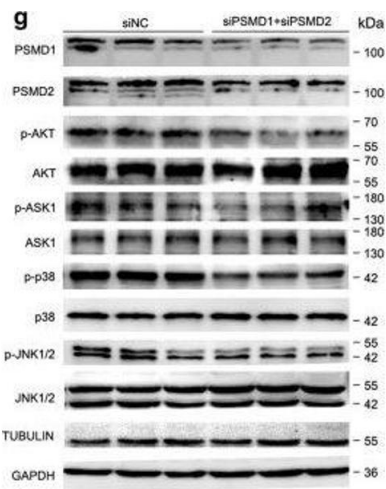
**Image 1.** PSMD1 and PSMD2 regulate the expression level of fatty acids (FAs) and lipid synthesis-related genes. a Interference efficiency detection by qRT-PCR. b The expression level of fatty acid synthesis-related genes was detected by qRT-PCR. c The expression level of lipid synthesis-related genes was detected by qRT-PCR. d Overexpression efficiency detection by qRT-PCR. e The expression level of fatty acid synthesis-related genes was detected by qRT-PCR. f The expression level of lipid synthesis-related genes was detected by qRT-PCR. g The

ASK1-p38-JNK and AKT signaling in groups of interfered cells and control cells was detected by Western Blot experiments. TUBULIN and GAPDH were the reference proteins. h Grey value analysis of g. ImageJ software was used for this analysis, according to the instructions. i The ASK1-p38-JNK and AKT signaling in the overexpression cell group and control cells was detected by Western Blot experiments. TUBULIN and GAPDH were the reference proteins. j Grey value analysis of i. ImageJ software was used for this analysis, according to the instructions. The statistical significance of differences between means was assessed using an unpaired Student's t-test (n=3, \*p<0.05, \*\*p<0.01) vs. NC - figure provided by CiteAb. Source: PMID31703613



Western Blotting

**Image 2.** Western blot analysis of extracts from HeLa cells using Phospho-MAPK14-T180/Y182 antibody.



Western Blotting

**Image 3.** PSMD1 and PSMD2 regulate the expression level of fatty acids (FAs) and lipid synthesis-related genes. a Interference efficiency detection by qRT-PCR. b The expression level of fatty acid synthesis-related genes was detected by qRT-PCR. c The expression level of lipid synthesis-related genes was detected by qRT-PCR. d Overexpression efficiency detection by qRT-PCR. e The expression level of fatty acid synthesis-related genes was detected by qRT-PCR. f The expression level of lipid synthesis-related genes was detected by qRT-PCR. g The

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