Datasheet for ABIN1534422

anti-PRKAB1 antibody (AA 10-59)

1 Image

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Overview

Quantity:	100 µg
Target:	PRKAB1
Binding Specificity:	AA 10-59
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PRKAB1.
Isotype:	IgG
Specificity:	PRKAB1 Antibody detects endogenous levels of total PRKAB1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PRKAB1
Alternative Name:	PRKAB1 (PRKAB1 Products)
Background:	Synonyms: 5'-AMP-activated protein kinase subunit beta-1, AMPK subunit beta-1, AMPKb ,

Target Details

	PRKAB1, AMPK NCBI Gene Symbol: PRKAB1
Molecular Weight:	30 kDa
Gene ID:	5564
OMIM:	602740
UniProt:	Q9Y478
Pathways:	AMPK Signaling, Warburg Effect

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.724410 (NCBI Gene Symbol: PRKAB1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

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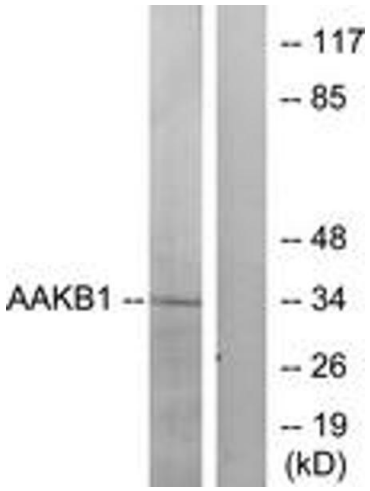

Western Blotting

Image 1. Western blot analysis of extracts from Raw264.7 cells, treated with TNF 20ng/ml 5', using PRKAB1 Antibody. The lane on the right is treated with the synthesized peptide.

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