

## Anti-PRKCB antibody

<b>Cat. No.</b>	ml261349
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-PRKCB rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human PRKCB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	PRKCB
<b>Full name</b>	protein kinase C, beta
<b>Synonyms</b>	PKCB; PRKCB1; PRKCB2; PKC-beta
<b>Swissprot</b>	P05771

### Target Background

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This protein kinase has been reported to be involved in many different cellular functions, such as B cell activation, apoptosis induction, endothelial cell proliferation, and intestinal sugar absorption.

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#### Applications

##### Western blotting

Predicted band size: 77 kDa

Positive control: Human fetal liver tissue

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

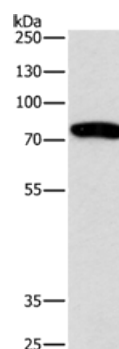
Lysate: 40 µg

Lane: Human fetal liver tissue

Primary antibody: ml261349 (PRKCB Antibody) at dilution 1/170

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



##### ELISA

Recommended dilution: 1000-2000

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