

Datasheet for ABIN5608781

**anti-PKC beta antibody (Internal Region) (Biotin)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	PKC beta (PRKCB)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PKC beta antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	PRKCB, Biotinylated
Sequence:	DKEFTRQPVE LT.
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 (NP_997700.1) only.
Cross-Reactivity:	Dog, Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	PKC beta (PRKCB)
Alternative Name:	PRKCB ( <a href="#">PRKCB Products</a> )
Background:	PRKCB, protein kinase C, beta, MGC41878, PKC-beta, PKCB, PRKCB1, PRKCB2, OTTHUMP00000162377, OTTHUMP00000162378, PKC-B, protein kinase C beta type, protein kinase C, beta 1 polypeptide
Gene ID:	5579
NCBI Accession:	<a href="#">NP_997700</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Chromatin Binding</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">VEGF Signaling</a> , <a href="#">Unfolded Protein Response</a> , <a href="#">BCR Signaling</a>

## Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in lysates of Human Placenta (calculated MW of 76.9 kDa according to NP_997700.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** Biotinylated ABIN5608781 (0.3ug/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.