

Datasheet for ABIN213577
anti-PKC zeta antibody (N-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	PKC zeta (PRKCZ)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC zeta antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 19 amino acid peptide from near N-terminus of human PRKCZ / PKC-Zeta. Percent identity with other species by BLAST analysis: Human, Gorilla (100%), Monkey (95%), Marmoset, Mouse, Rat, Rabbit (89%). Type of Immunogen: Synthetic peptide
Specificity:	Human PRKCZ / PKC-Zeta. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla (100%) Monkey (95%) Marmoset, Mouse, Rat, Rabbit (89%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: PKC zeta (PRKCZ)

Alternative Name: PRKCZ / PKC-zeta ([PRKCZ Products](#))

Background: Name/Gene ID: PRKCZ

Subfamily: PKC

Family: Protein Kinase

Synonyms: PRKCZ, PKC-ZETA, PKC2, PkcZ, PKCzeta, Protein kinase c zeta, Protein kinase C zeta type, NPKC-zeta, PKC Zeta, Protein kinase C, zeta, Protein kinase Czeta

Gene ID: 5590

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [Myometrial Relaxation and Contraction](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Synaptic Membrane](#), [Production of Molecular Mediator of Immune Response](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (2.5 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2.5-3 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

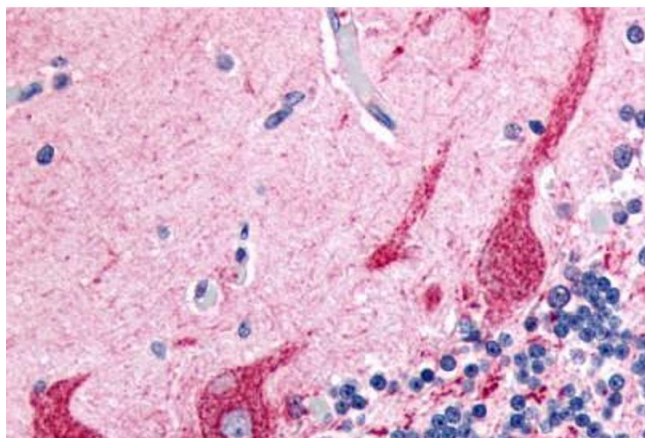
Handling

Format: Liquid

Handling

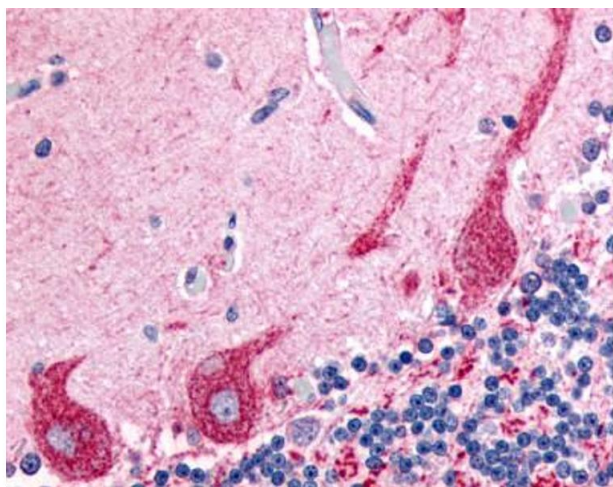
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with PRKCZ antibody ABIN213577 at 2.5-3 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-PRKCZ / PKC-Zeta antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.