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Datasheet for ABIN519208
anti-PKC zeta antibody (AA 1-592)

2 Images

Overview

Quantity:	100 µg
Target:	PKC zeta (PRKCZ)
Binding Specificity:	AA 1-592
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC zeta antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PRKCZ protein.
Immunogen:	PRKCZ (NP_002735.3, 1 a.a. ~ 592 a.a) full-length human protein.
Sequence:	MPSRTGPKME GSGGRVRLKA HYGGDIFITS VDAATTFEEL CEEVRDMCRL HQQHPLTLKW VDSEGDPTV SSQMELEEF RLARQCRDEG LIIHVFPSTP EQGPLPCPGE DKSIIYRRGAR RWRKLYRANG HLFQAKRFNR RAYCGQCSEI IWGLARQGYR CINCKLLVHK RCHGLVPLTC RKHMD SVMPS QEPPVDDKNE DADLPSEETD GIAYISSSRK HDSIKDSED LKPVIDGMDG IKISQGLGLQ DFDLIRVIGR GSYAKVLLVR LKKNDQIYAM KVVKKELVHD DEDIDWVQTE KHFVEQASSN PFLVGLHSCF QTTSRFLVI EYVNGGDLMF HMQRQRKLPE EHARFYAAEI CIALNFLHER GIIYRDLKLD NVLLDADGHI KLTDYGMCKE GLGPGDTTST FCGTPNYIAP EILRGEEYGF SVDWWALGVL MFEMMAGRSP FDIITDNPDM NTEDYLFQVI LEKPIRIPRF LSVKASHVLK GFLNKDPKER LGCRPQTGFS DIKSHAFFRS IDWDLLEKKQ ALPPFPQQT DDYGLDNFDT QFTSEPVQLT PDEDAIKRI DQSEFEGFEY INPLLLSTEE SV

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

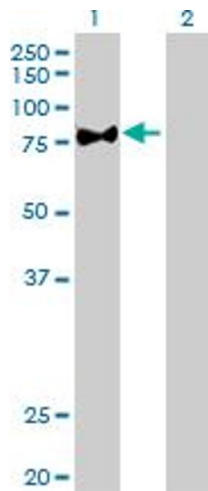
Target:	PKC zeta (PRKCZ)
Alternative Name:	PRKCZ (PRKCZ Products)
Background:	Full Gene Name: protein kinase C, zeta Synonyms: PKC-ZETA,PKC2
Gene ID:	5590
NCBI Accession:	NM_002744
Pathways:	NF-kappaB Signaling , RTK Signaling , Myometrial Relaxation and Contraction , Regulation of Leukocyte Mediated 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:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

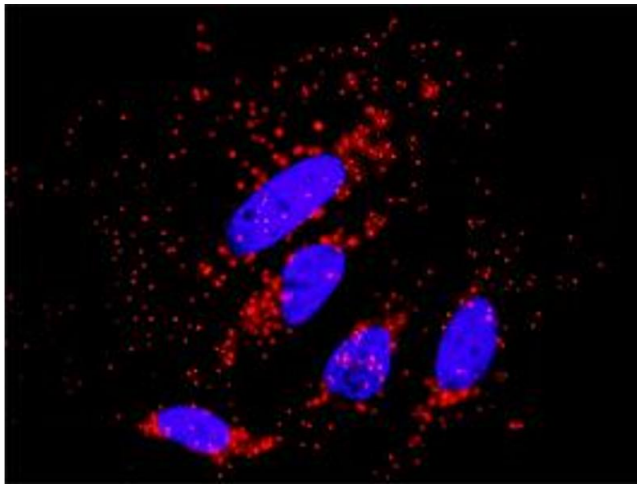


Western Blotting

Image 1. Western Blot analysis of PRKCZ expression in transfected 293T cell line by PRKCZ MaxPab polyclonal antibody.

Lane 1: PRKCZ transfected lysate(67.70 KDa).

Lane 2: Non-transfected lysate.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between PRKCZ and AKT3. HeLa cells were stained with anti-PRKCZ rabbit purified polyclonal 1:1200 and anti-AKT3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).