

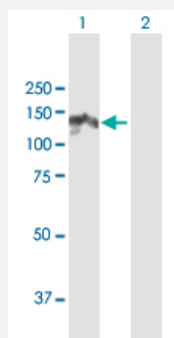
MaxPab®

DGKZ MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008525-D01

Size 100 uL

Applications

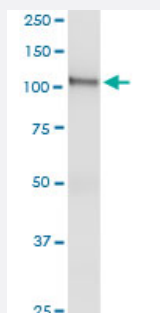


Western Blot (Transfected lysate)

Western Blot analysis of DGKZ expression in transfected 293T cell line ([H00008525-T02](#)) by DGKZ MaxPab polyclonal antibody.

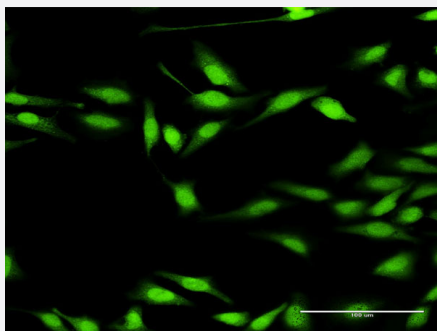
Lane 1: DGKZ transfected lysate(104.1 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of DGKZ transfected lysate using anti-DGKZ MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with DGKZ purified MaxPab mouse polyclonal antibody (B01P) ([H00008525-B01P](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DGKZ on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human DGKZ protein.

Immunogen	DGKZ (AAH41770.1, 1 a.a. ~ 929 a.a) full-length human protein.
Sequence	MEPRDGSPEARSSDSESASASSSGSERDAGPEPDKAPRRLNKRRFPGLRLFGRKAITKSLQ HLAPPPPTPGAPCSESERQIRSTVDWSESATYGEHWFETNVSGDFCYVGEQYCVARMLQKSVS RRKCAACKNVHTPCIEQLEKINFRCKPSFRESGSRNVREPTFVRHHWVHRRRQDGKCRHCGKG FQQKFTFHSKEMAISCSWCKQAYHSKVSCFMLQQIEEPCSLGVHAAVVIPPTWILRARRPQNTLK ASKKKKRASFKRKSSKKGPEEGRWRPFIIIRPTPSPLMKPLLVFVNPKSGGNQGAKIIQSFLWYLN PRQVFDLSQGGPKAELEMYRKVHNLRLACGGDGTGVWILSTLDQLRLKPPPPVAILPLGTGNDL ARTLNWGGGYTDEPVSKILSHVEEGNVVQLDRWDLHAEPNPEAGPEDRDEGATDRLPLDVFNN YFSLGFDHVTLEFHEHREANPEKFNFRNKMFIYAGTAFSDFLMGSSKDLAKHIRVVCDGMDL TPKIQDLKPKCVVFLNIPRYCAGTMPWGHHPGEHDFEPQRHDDGYLEVIGFTMTSLAALQVGGHG ERLTQCREVVLTTSKAIPVQVDGEPCKLAASRIRIALRNQATMVQAKRRSAAPLHSDQQPVPEQ LRIQVSRVSMHDYEALHYDKEQLKEASVPLGTVVPGDSDLELCRAHIERLQQEPDGAGAKSPT CQKLSPKWCFLDATTASRFYRIDRAQEHLNVTEIAQDEMYLDPELLGASARPDLPPTSP CSPTPRSLQGDAAPPQGEELIEAAKRNDCKLQELHRAGGDLMHRDEQSRLLHHAHVSTGSKD VVRYLLDHAPPEILDAVEENGETCLHQAALGQRTICHYVEAGASLMKTDQQGDTPRQRAEKAQ DTELAAYLENRQHYQMIQREDQETAV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DGKZ on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — DGKZ

Entrez GeneID [8525](#)

GeneBank Accession# [BC041770.1](#)

Protein Accession# [AAH41770.1](#)

Gene Name DGKZ

Gene Alias DAGK5, DAGK6, DGK-ZETA, hDGKzeta

Gene Description diacylglycerol kinase, zeta 104kDa

Omim ID [601441](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It may attenuate protein kinase C activity by regulating diacylglycerol levels in intracellular signaling cascade and signal transduction. Alternative splicing occurs at this locus and four transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Other Designations diacylglycerol kinase zeta|diacylglycerol kinase, zeta (104kD)

Pathway

- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)