

Rabbit DGKB Polyclonal Antibody | anti-DGKB antibody

DGKB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325331	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

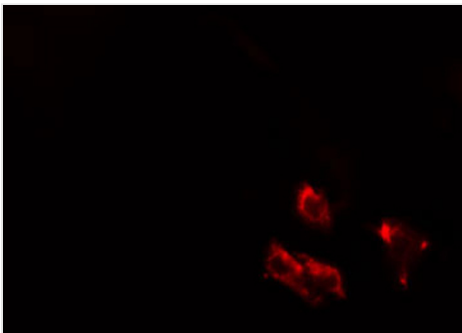
PRODUCT SYNONYMS

DGKB; Polyclonal Antibody; DGKB Antibody; 90 kDa diacylglycerol kinase; DAG kinase beta; DAGK2; DGK; DGK B; DGK beta; DGK-beta; Dgkb; DGKB_HUMAN; Diacylglycerol kinase beta (90kD); Diacylglycerol kinase beta 90kDa; Diacylglycerol kinase beta; Diglyceride kinase beta; KIAA0718; anti-DGKB antibody

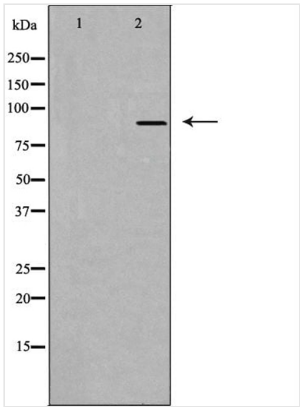
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DGKB antibody detects endogenous levels of total DGKB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	773
Applicable Applications for anti-DGKB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Zebrafish, Sheep, Rabbit, Chicken
Similarity	Pig (100%), Zebrafish (89%), Sheep (100%), Rabbit (100%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325331 staining HuvEC cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HuvEC cells, using DGKB antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKB antibody	Function: Exhibits high phosphorylation activity for long-chain diacylglycerols. Similarity: Belongs to the eukaryotic diacylglycerol kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22027632
NCBI GeneID	1607
NCBI Accession #	NP_004071.1
NCBI GenBank Nucleotide #	NM_004080.2
UniProt Accession #	Q9Y6T7; O75241; Q2M377; Q75MF9; Q75MU7; Q86UI5; Q86UM9; Q9UQ29; A4D116; A4D117; A8MXU2
Molecular Weight	Observed: 90 kD Predicted: 91 kDa
NCBI Official Synonym Full Names	diacylglycerol kinase beta
NCBI Official Symbol	DGKB
NCBI Official Synonym Symbols	DGK; DAGK2; DGK-BETA
NCBI Protein Information	diacylglycerol kinase beta
UniProt Protein Name	Diacylglycerol kinase beta
UniProt Gene Name	DGKB
UniProt Synonym Gene Names	DAGK2; KIAA0718; DAG kinase beta; DGK-beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.