

Rabbit DGKE Polyclonal Antibody | anti-DGKE antibody

DGKE Antibody

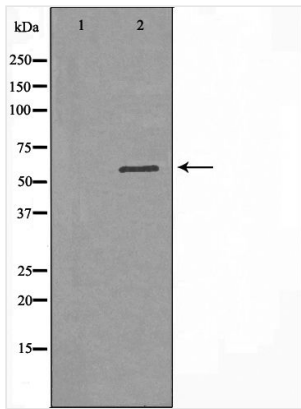
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323906	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DGKE; Polyclonal Antibody; DGKE Antibody; AHUS7; DAG kinase epsilon; DAGK 5; DAGK 6; DAGK5; DAGK6; DGK; DGK epsilon; DGK-epsilon; DGKE_HUMAN; Diacylglycerol kinase epsilon 64kDa; Diacylglycerol kinase epsilon; Diglyceride kinase epsilon; NPHS7; anti-DGKE antibody

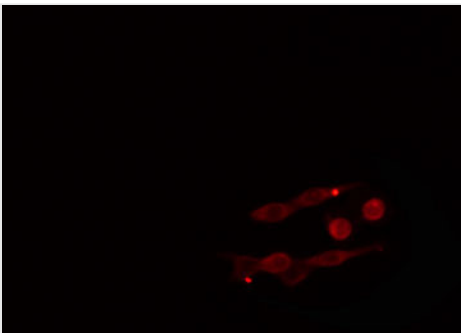
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DGKE antibody detects endogenous levels of total DGKE
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	567
Applicable Applications for anti-DGKE antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed predominantly in testis. Expressed in endothelium, platelets and podocytes (at protein level).
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (100%), Bovine (91%), Horse (100%), Sheep (91%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using DGKE antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323906 staining HeLa 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.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKE antibody	Function: Highly selective for arachidonate-containing species of diacylglycerol (DAG). May terminate signals transmitted through arachidonoyl-DAG or may contribute to the synthesis of phospholipids with defined fatty acid composition. Similarity: Belongs to the eukaryotic diacylglycerol kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503313
NCBI GeneID	8526
NCBI Accession #	NP_003638.1
NCBI GenBank Nucleotide #	NM_003647.2
UniProt Accession #	P52429; Q8TBM4; Q9UKQ3
Molecular Weight	Observed: 60 kD Predicted: 64 kDa
NCBI Official Full Name	diacylglycerol kinase epsilon
NCBI Official Synonym Full Names	diacylglycerol kinase epsilon
NCBI Official Symbol	DGKE
NCBI Official Synonym Symbols	DGK; AHUS7; DAGK5; DAGK6; NPHS7
NCBI Protein Information	diacylglycerol kinase epsilon
UniProt Protein Name	Diacylglycerol kinase epsilon
UniProt Gene Name	DGKE
UniProt Synonym Gene Names	DAGK5; DAG kinase epsilon; DGK-epsilon

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.