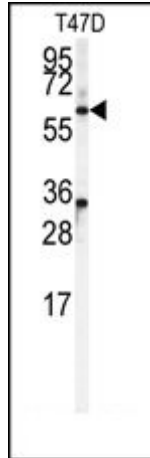


Polyclonal Antibody to DAG kinase epsilon (N-term) - Purified

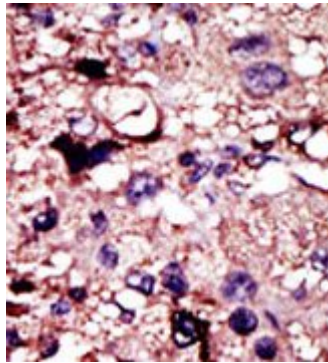
Alternate names:	DAGK5, DGK-epsilon, DGKE, Diacylglycerol kinase epsilon, Diglyceride kinase epsilon
Catalog No.:	AP15089PU-N
Quantity:	0.1 mg
Concentration:	0.25 mg/ml
Background:	Diacylglycerol kinases are thought to be involved mainly in the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. When expressed in mammalian cells, DGKE shows specificity for arachidonyl-containing diacylglycerol. DGKE is expressed predominantly in testis.
Uniprot ID:	P52429
NCBI:	9606
GeneID:	8526
Host / Isotype:	Rabbit / Ig
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human DGKE.
Format:	State: Liquid purified Ig Purification: Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to DGKE. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General References:	1. Tang, W., et al., Gene 239(1):185-192 (1999). 2. Hart, T.C., et al., Genomics 56(2):233-235 (1999). 3. Tang, W., et al., J. Biol. Chem. 271(17):10237-10241 (1996).

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Pictures:



Western blot analysis of anti-DGKE Antibody (N-term) in T47D cell line lysates (35ug/lane). DGKE (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.

Recommended
Control Peptides:

AP15089CP-N