

## DGK- Alpha Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02579
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DGKA. AA range:304-353
<b>Mol wt</b>	82672
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	DGK-alpha Antibody
<b>Synonyms</b>	DGKA; DAGK; DAGK1; Diacylglycerol kinase alpha; DAG kinase alpha; 80 kDa diacylglycerol kinase; Diglyceride kinase alpha; DGK-alpha

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Diacylglycerol kinase alpha encoded by DGKA belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.

### Recommended Dilution

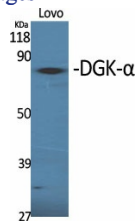
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

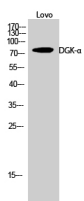
ELISA: 1: 20000

Not yet tested in other applications.

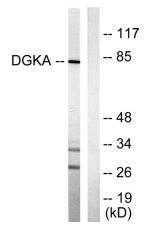
### Images



Western Blot analysis of various cells using DGK- $\alpha$  Polyclonal Antibody



Western Blot analysis of Lovo cells using DGK- $\alpha$  Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using DGKA Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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