

DGKA Rabbit mAb

Catalog No.: A22202 **Recombinant**

Basic Information

Observed MW

80kDa

Calculated MW

83kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC55770

Background

The protein encoded by this gene 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. Several transcript variants encoding different isoforms have been identified for this gene.

Recommended Dilutions

WB 1:2000 - 1:20000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

1606

Swiss Prot

P23743

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human DGKA (NP_001336.2).

Synonyms

DAGK; DAGK1; DGK-alpha; DGKA

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

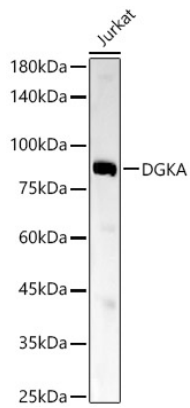
Affinity purification

Storage

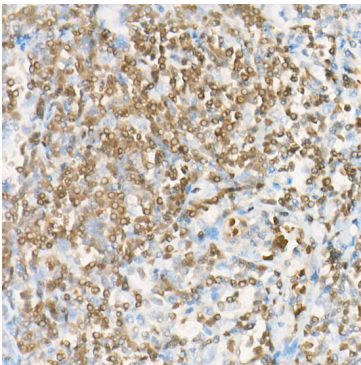
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Jurkat cells, using DGKA Rabbit mAb (A22202) at 1:20000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded human tonsil using DGKA Rabbit mAb (A22202) at dilution of 1:100(40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.