



[Go to Product page](#)

Datasheet for ABIN360612
anti-DGKA antibody (C-Term)

2 Images

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------|
| Quantity: | 0.4 mL |
| Target: | DGKA |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DGKA antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human DGKA. |
| Isotype: | Ig Fraction |
| Specificity: | This antibody reacts to DGKA. |
| Purification: | Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS |

Target Details

| | |
|-------------------|----------------------------------------------------|
| Target: | DGKA |
| Alternative Name: | DAG Kinase alpha (DGKA Products) |

Target Details

Background: Upon cell stimulation, the kinase DGKA converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity. DGKA is stimulated by calcium and phosphatidylserine, and is phosphorylated by protein kinase C. Tissue expression is in lymphocytes and oligodendroglial cells. DGKA contains 2 zinc-dependent phorbol-ester and DAG binding domains, and 2 EF-hand calcium binding domains. Synonyms: DAGK, DAGK1, DGK-alpha, DGKA, Diacylglycerol kinase alpha, Diglyceride kinase alpha

Gene ID: 1606, 9606

UniProt: [P23743](#)

Application Details

Application Notes: ELISA: 1/1,000. Western Blot: 1/50 - 1/200. Immunohistochemistry: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

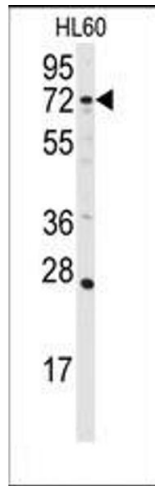


Image 1.

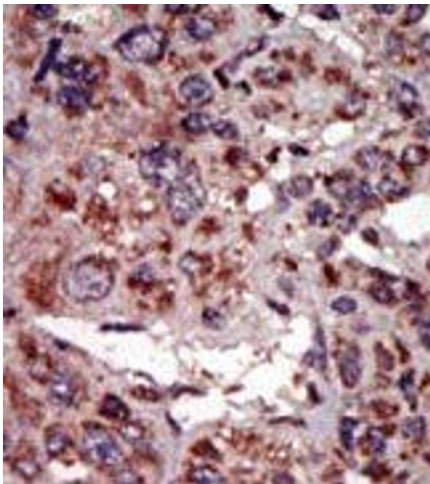


Image 2.