



[Go to Product page](#)

Datasheet for ABIN2784704
anti-DGKQ antibody (Middle Region)

2 Images

Overview

Quantity:	100 µL
Target:	DGKQ
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DGKQ
Sequence:	DAELSLDFHQ AREEEP GKFT SRLHNKGVYV RVGLQKISHS RSLHKQIRLQ
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DGKQ. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DGKQ
Alternative Name:	DGKQ (DGKQ Products)
Background:	The protein encoded by this gene contains three cysteine-rich domains, a proline-rich region,

Target Details

and a pleckstrin homology domain with an overlapping Ras-associating domain. It is localized in the speckle domains of the nucleus, and mediates the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction.

Alias Symbols: DAGK, DAGK4, DAGK7

Protein Interaction Partner: EIF4H, EZR, CCBL1, EHD4, EHD1, KDM5B, RHOA,

Protein Size: 942

Molecular Weight: 101 kDa

Gene ID: 1609

NCBI Accession: [NM_001347](#), [NP_001338](#)

UniProt: [P52824](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 942 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

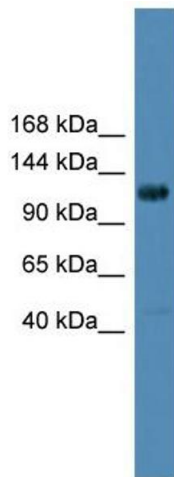
Preservative: Sodium azide

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 freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



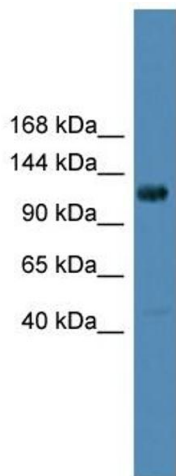
Western Blotting

Image 1. WB Suggested Anti-DGKQ Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: ACHN cell lysate



Rabbit Anti-DGKQ Antibody
Catalog Number: ARP51946
Lot Number: QC21321
Lane: ACHN Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 6-18%

Western Blotting

Image 2. WB Suggested Anti-DGKQ

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: ACHN cell lysate