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Datasheet for ABIN2790326
anti-DGKD antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	DGKD
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Guinea Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGKD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human DGKD
Sequence:	KRSRSGKFRL VTKFKKEKNN KNKEAHSSLG APVHLWGTEE VAAWLEHLSL
Predicted Reactivity:	Dog: 79%, Guinea Pig: 93%, Human: 100%, Mouse: 92%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DGKD. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	DGKD
Alternative Name:	DGKD (DGKD Products)
Background:	This gene encodes a cytoplasmic enzyme that phosphorylates diacylglycerol to produce

Target Details

phosphatidic acid. Diacylglycerol and phosphatidic acid are two lipids that act as second messengers in signaling cascades. Their cellular concentrations are regulated by the encoded protein, and so it is thought to play an important role in cellular signal transduction. Alternative splicing results in two transcript variants encoding different isoforms.

Alias Symbols: DGKdelta, FLJ26930, KIAA0145, dgkd-2

Protein Interaction Partner: UBC, SREK1, TNFRSF14, HAX1, IGSF21, DGKH, DGKD, PRKCA, MYH2,

Protein Size: 1170

Molecular Weight: 130 kDa

Gene ID: 8527

NCBI Accession: [NM_003648](#), [NP_003639](#)

UniProt: [Q16760](#)

Pathways: [EGFR Signaling Pathway](#)

Application Details

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

Comment: Antigen size: 1170 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

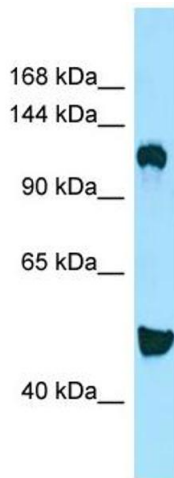
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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-DGKD Antibody Titration: 1.0 ug/ml Positive Control: RPMI-8226 Whole Cell