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Datasheet for ABIN5516630
anti-DGKG antibody (C-Term)

Overview

Quantity:	100 µL
Target:	DGKG
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGKG 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 DGKG
Sequence:	KLLPMQVDGE PWMQPCCTIK ITHKNQAPMM MGPPQKSSFF SLRRKSRSKD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DGKG. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	DGKG
Alternative Name:	DGKG (DGKG Products)

Target Details

Background: This gene encodes an enzyme that is a member of the type I subfamily of diacylglycerol kinases, which are involved in lipid metabolism. These enzymes generate phosphatidic acid by catalyzing the phosphorylation of diacylglycerol, a fundamental lipid second messenger that activates numerous proteins, including protein kinase C isoforms, Ras guanyl nucleotide-releasing proteins and some transient receptor potential channels. Diacylglycerol kinase gamma has been implicated in cell cycle regulation and in the negative regulation of macrophage differentiation in leukemia cells. Multiple transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: DAGK3

Protein Interaction Partner: ALB, ARRB1,

Protein Size: 752

Gene ID: 1608

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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.

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.