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Datasheet for ABIN6746334

anti-DGKQ antibody (AA 751-800)

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Overview

Quantity:	100 µL
Target:	DGKQ
Binding Specificity:	AA 751-800
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DGKQ antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa751-800 of human DGKQ (P52824, NP_001338). Percent identity by BLAST analysis: Human, Gorilla, Monkey, Mouse, Rat, Bovine, Horse (100%), Marmoset, Guinea pig (92%), Dog, Opossum, Chicken, Platypus, Stickleback (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human DGKQ
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Bovine, Horse (100%) Guinea pig (92%) Dog, Chicken (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	DGKQ
Alternative Name:	DGKQ (DGKQ Products)
Background:	Name/Gene ID: DGKQ Subfamily: Diacylglycerol kinase Family: Non-Protein Kinase Synonyms: DGKQ, DAGK7, DAG kinase theta, DAGK4, Diglyceride kinase theta, DAGK, DGK-theta, Diacylglycerol kinase theta
Gene ID:	1609
NCBI Accession:	NP_001338
UniProt:	P52824

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in: Saitoh, Pizzi, Wang: "Perturbation of SUMOlation enzyme Ubc9 by distinct domain within nucleoporin RanBP2/Nup358." in: **The Journal of biological chemistry**, Vol. 277, Issue 7, pp. 4755-63, (2002) ([PubMed](#)).

Christmann, Kaina: "Nuclear translocation of mismatch repair proteins MSH2 and MSH6 as a response of cells to alkylating agents." in: **The Journal of biological chemistry**, Vol. 275, Issue 46, pp. 36256-62, (2000) ([PubMed](#)).

Palombo, Gallinari, Iaccarino, Lettieri, Hughes, D'Arrigo, Truong, Hsuan, Jirichny: "GTBP, a 160-kilodalton protein essential for mismatch-binding activity in human cells." in: **Science (New York, N.Y.)**, Vol. 268, Issue 5219, pp. 1912-4, (1995) ([PubMed](#)).

Images

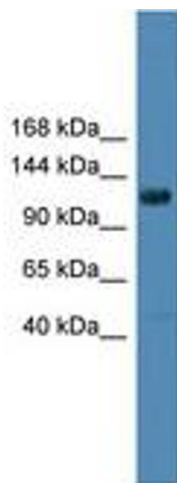


Image 1.