

Rabbit DGKI Polyclonal Antibody | anti-DGKI antibody

DGKI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323763	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

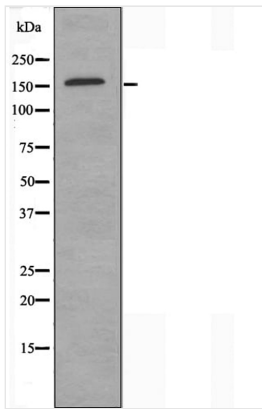
PRODUCT SYNONYMS

DGKI; Polyclonal Antibody; DGKI Antibody; DAG kinase iota; DGK iota; DGKiota; Diacylglycerol kinase iota; Diglyceride kinase iota; anti-DGKI antibody

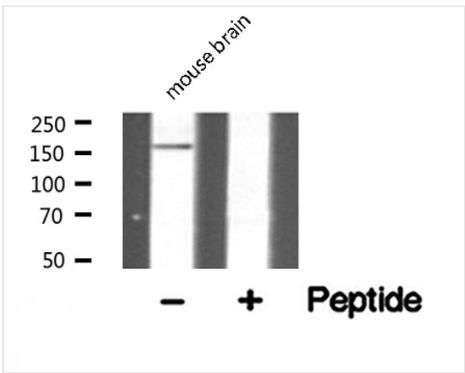
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DGKI antibody detects endogenous levels of total DGKI
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1057
Applicable Applications for anti-DGKI antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (91%), Horse (91%), Sheep (91%), Rabbit (91%), Dog (91%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

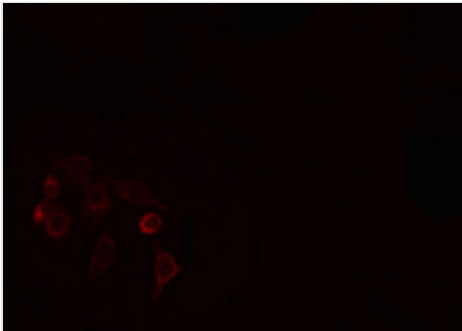
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using DGKI antibody.



WB (Western Blot)
Western blot analysis of DGKI expression in mouse brain lysate



IF (Immunofluorescence)
AAA323763 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DGKI antibody	Function: ATP + 1, 2-diacyl-sn-glycerol = ADP + 1, 2-diacyl-sn-glycerol 3-phosphate. Similarity: Belongs to the eukaryotic diacylglycerol kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1012282637
NCBI GeneID	9162
NCBI Accession #	NP_001308637.1
NCBI GenBank Nucleotide #	NM_001321708.1
UniProt Accession #	O75912; Q9NZ49; A4D1Q9
Molecular Weight	Observed: 160 kD Predicted: 117 kDa
NCBI Official Full Name	diacylglycerol kinase iota isoform 2
NCBI Official Synonym Full Names	diacylglycerol kinase iota
NCBI Official Symbol	DGKI
NCBI Official Synonym Symbols	DGK-IOTA

NCBI Protein Information	diacylglycerol kinase iota
UniProt Protein Name	Diacylglycerol kinase iota
UniProt Gene Name	DGKI
UniProt Synonym Gene Names	DAG kinase iota; DGK-iota

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dgki-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323763>