

Anti-DGKA Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

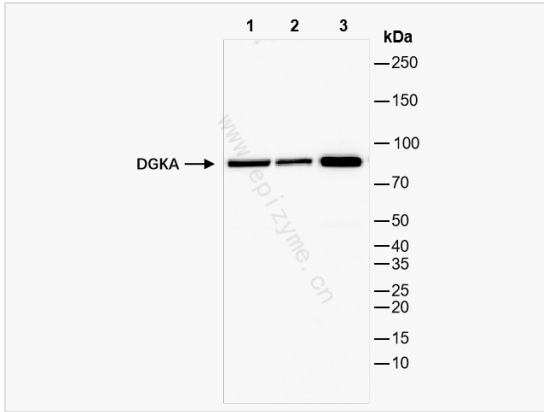
Catalog # R010428

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	70L85L30
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human DGKA
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-DGKA Rabbit mAb [70L85L30] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	80 kDa diacylglycerol kinase, DAG kinase alpha, DAGK, DAGK1, DGK alpha, DGK-alpha, dgkA, DGKA_HUMAN, Diacylglycerol kinase alpha, Diacylglycerol kinase, alpha 80kDa, Diglyceride kinase alpha, MGC12821, MGC42356, OTTHUMP00000242836, OTTHUMP00000242955, OTTHUMP00000244046.
Calculated MW	Calculated MW: 83 kDa; Observed MW: 83 kDa
Uniprot ID	P23743
Gene ID	1606
Background	The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Several transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Apr 2017]
Tissue Location	Lymphocytes and oligodendroglial cells.



Western Blot - Anti-DGKA Rabbit mAb [70L85L30]

All lanes: R010428 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: A431 (Human epidermoid teratoma cell line) whole cell lysates

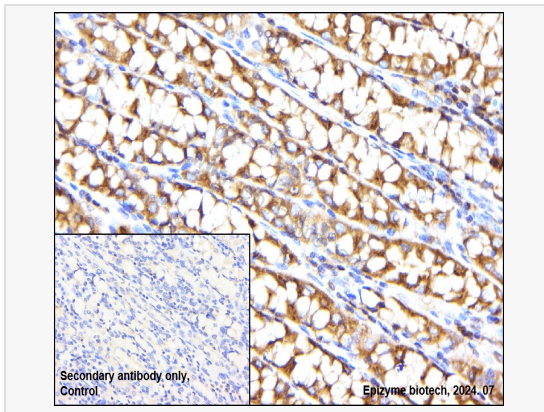
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 83 kDa

Observed band size: 83 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-DGKA Rabbit mAb [70L85L30]

Sample: Paraformaldehyde-fixed, paraffin embedded human gastric carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R010428 at 1:200 dilution

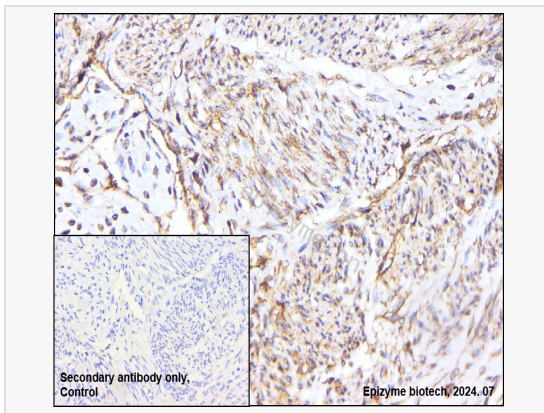
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-DGKA Rabbit mAb [70L85L30]

Sample: Paraformaldehyde-fixed, paraffin embedded human endometrial carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R010428 at 1:200 dilution

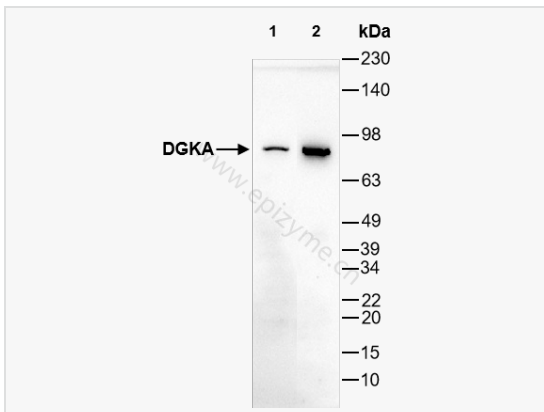
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Western Blot -Anti-DGKA Rabbit mAb [70L85L30]

All lanes: R010428 at 1:1,000 dilution

Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 2: PC-12(Rat adrenal pheochromocytoma epithelial cell)whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 86 kDa

Observed band size: 86 kDa

Developed using the ECL technique (Cat. No. SQ201).