

DGKI Antibody

Catalog No: #46551

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

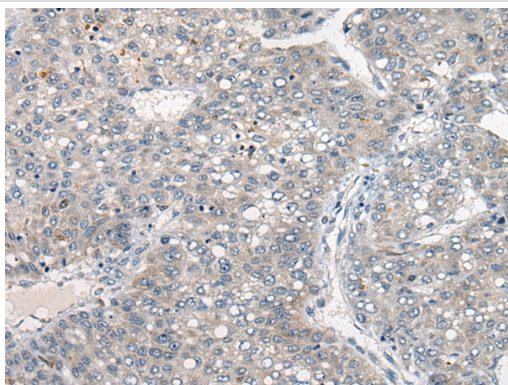
Description

Product Name	DGKI Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DGKI protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human DGKI
Target Name	DGKI
Other Names	DGK-IOTA
Accession No.	Swiss-Prot:O75912 NCBI Gene ID:9162NCBI Protein:NP_004708
Uniprot	O75912
GeneID	9162;
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

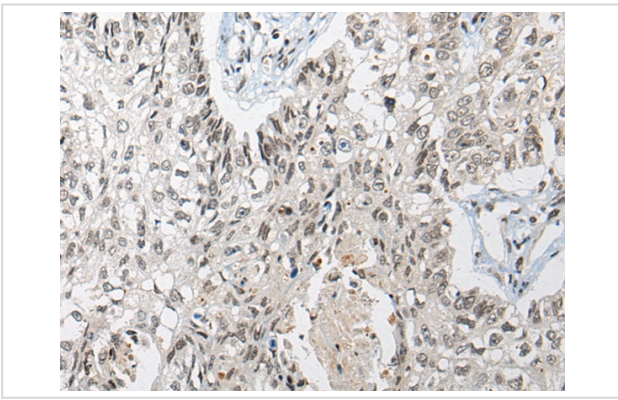
Application Details

Immunohistochemistry: 1: 50-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46551(DGKI Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46551(DGKI Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene is a member of the type IV diacylglycerol kinase subfamily. Diacylglycerol kinases regulate the intracellular concentration of diacylglycerol through its phosphorylation, producing phosphatidic acid. The specific role of the enzyme encoded by this gene is undetermined, however, it may play a crucial role in the production of phosphatidic acid in the retina or in recessive forms of retinal degeneration.

Note: This product is for in vitro research use only