

DAGLB Antibody

Catalog No: #47015

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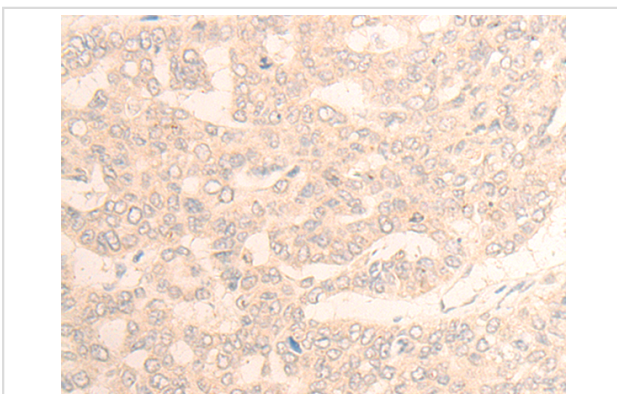
Description

Product Name	DAGLB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DAGLB protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DAGLB
Target Name	DAGLB
Other Names	KCCR13L; DAGLBETA
Accession No.	Swiss-Prot#:Q8NCG7 NCBI Gene ID:221955 Gene Accssion:NP_631918
Uniprot	Q8NCG7
GeneID	221955;
Concentration	0.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20C

Application Details

Immunofluorescence: 1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47015(DAGLB Antibody) at dilution 1/20. (Original magnification: 200)

Background

Members of the AB hydrolase superfamily have diverse catalytic functions and play a crucial role in the metabolism of lipids. DAGL β (diacylglycerol lipase beta), also known as KCCR13L, is a 672 amino acid multi-pass membrane protein that belongs to the AB hydrolase superfamily. DAGL β uses calcium as a cofactor to catalyze the hydrolysis of diacylglycerol (DAG) to 2-arachidonoyl-glycerol (2-AG), a reaction that is required for axonal growth and for retrograde synaptic signaling at mature synapses. DAGL β functions at an optimal pH of 7 and its activity is inhibited by

p-hydroxy-mercuri-benzoate and HgCl₂, but not PMSF. There are three isoforms of DAGLβ that are produced as a result of alternative splicing events.

Note: This product is for in vitro research use only