

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **DAGLB RABBIT PAB**

Cat.#: S221877

Product Name: Anti-DAGLB Rabbit Polyclonal Antibody

Synonyms: KCCR13L; DAGLBETA

UNIPROT ID: Q8NCG7 (Gene Accession - NP\_631918)

**Background:** Members of the AB hydrolase superfamily have diverse catalytic functions and play a crucial role in the metabolism of lipids. DAGL? (diacylglycerol lipase beta), also known as KCCR13L, is a 672 amino acid multi-pass membrane protein that belongs to the AB hydrolase superfamily. DAGL? 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? 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 DAGL? that are produced as a result of alternative splicing events.

Immunogen: Synthetic peptide of human DAGLB

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 20-100; ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

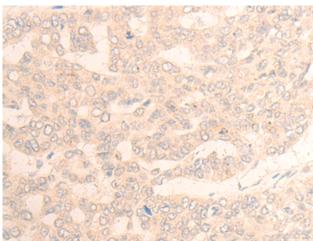
Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

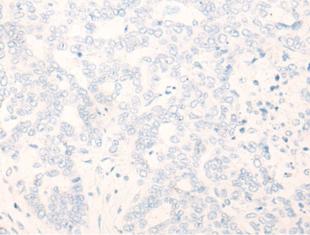
glycerol

**Research Areas:** Metabolism, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221877(DAGLB Antibody) at a dilution of 1/20(Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221877(Anti-DAGLB Antibody) at dilution 1/20.



## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010