

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MGLL RABBIT PAB**

Cat.#: S220721

**Product Name:** Anti-MGLL Rabbit Polyclonal Antibody

Synonyms: MGL; HUK5; MAGL; HU-K5

**UNIPROT ID:** Q99685 (Gene Accession - NP\_001003794)

**Background:** This gene encodes a serine hydrolase of the AB hydrolase superfamily that catalyzes the conversion of monoacylglycerides to free fatty acids and glycerol. The encoded protein plays a critical role in several physiological processes including pain and nociperception through hydrolysis of the endocannabinoid 2-arachidonoylglycerol. Expression of this gene may play a role in cancer tumorigenesis and metastasis. Alternatively spliced transcript variants

encoding multiple isoforms have been observed for this gene.

Immunogen: Synthetic peptide of human MGLL Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

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%

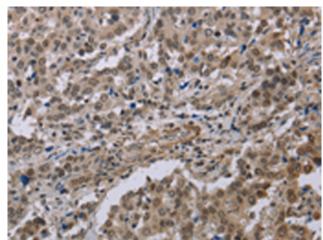
glycerol

Research Areas: Metabolism, Cancer, Neuroscience, Cardiovascular Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

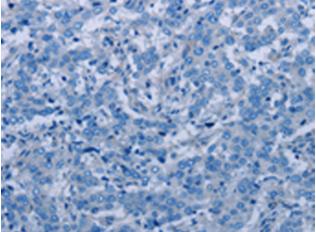


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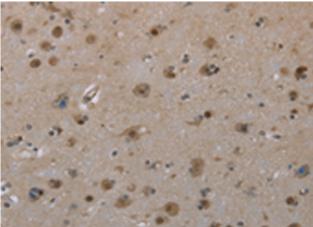
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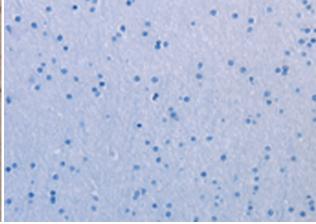
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220721(MGLL Antibody) at a dilution of 1/40(Cytoplasm and Nucleus).



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 220721(Anti-MGLL Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human brain tissue using 220721(Anti-MGLL Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D261919 (Anti-MGLL Antibody) at dilution 1/40.