

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GABRA1 RABBIT PAB**

Cat.#: S220562

Product Name: Anti-GABRA1 Rabbit Polyclonal Antibody

Synonyms: EJM; ECA4; EJM5

UNIPROT ID: P14867 (Gene Accession - NP\_000797)

**Background:** This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene cause juvenile myoclonic epilepsy and childhood absence epilepsy type 4. Multiple transcript variants encoding the same protein have been identified for this gene

Immunogen: Synthetic peptide of human GABRA1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

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

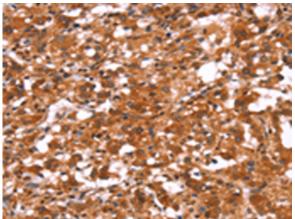
Research Areas: Neuroscience

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

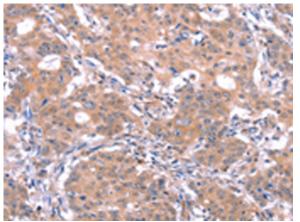


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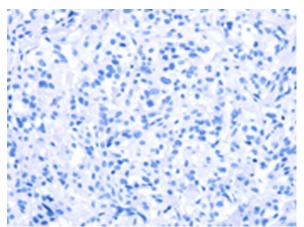
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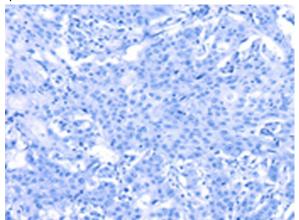
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220562(GABRAI Antibody) at a dilution of 1/30(Cytoplasm).



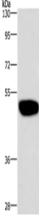
The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 220562(Anti-GABRAI Antibody) at dilution 1/30.



paraffin-embedded Human gastric cancer tissue paraffin-embedded Human gastric cancer tissue using 220562(Anti-GABRA1 Antibody) at a dilution is first treated with synthetic peptide and then with D261697(Anti-GABRA1 Antibody) at dilution 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: LoVo cells;

Primary antibody: 220562(GABRA1 Antibody) at

dilution 1/300;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute



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