

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

EFNA5 RABBIT PAB

Cat.#: S220525

Product Name: Anti-EFNA5 Rabbit Polyclonal Antibody

Synonyms: AF1; EFL5; RAGS; EPLG7; GLC1M; LERK7 **UNIPROT ID:** P52803 (Gene Accession - NP_001953)

Background: Ephrin-A5, a member of the ephrin gene family, prevents axon bundling in

cocultures of cortical neurons with astrocytes, a model of late stage nervous system development and differentiation. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. EPH receptors typically have a single kinase domain and an

extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin

ligands and receptors have been named by the Eph Nomenclature Committee (1997).

Immunogen: Synthetic peptide of human EFNA5

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, Mouse, Rat

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

glycerol

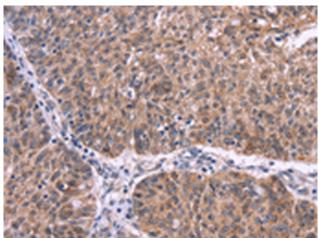
Research Areas: Signal Transduction, Neuroscience

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

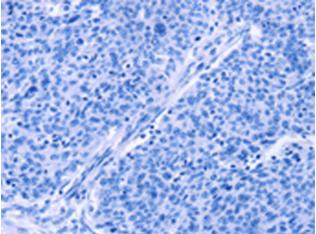


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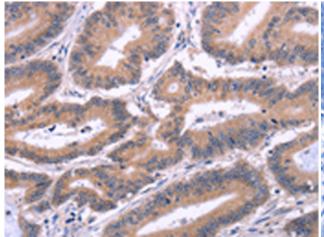
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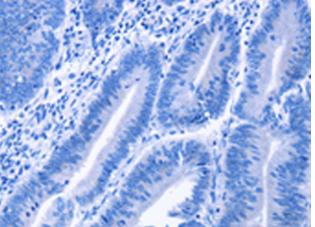
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 220525(EFNA5 Antibody) at a dilution of 1/40(Cytoplasm or Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 220525(Anti-EFNA5 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human colon cancer tissue using 220525(Anti-EFNA5 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D261649(Anti-EFNA5 Antibody) at dilution 1/40.