

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## EPHA2 RABBIT PAB

Cat.#: S221233

**Product Name:** Anti-EPHA2 Rabbit Polyclonal Antibody

Synonyms: ECK; CTPA; ARCC2; CTPP1; CTRCT6

UNIPROT ID: P29317 (Gene Accession - NP\_004422)

**Background:** This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.

Immunogen: Synthetic peptide of human EPHA2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

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

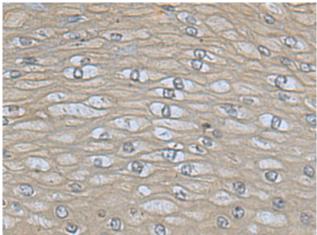
Research Areas: Neuroscience, Cardiovascular

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

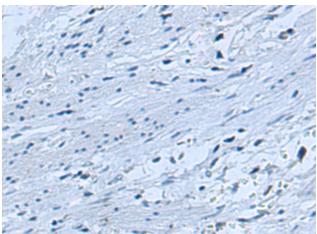


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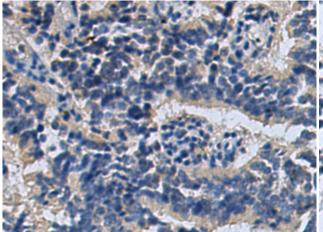
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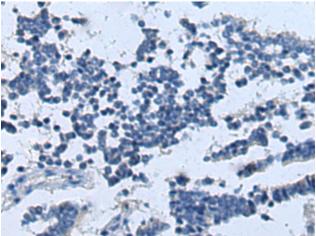
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221233(EPHA2 Antibody) at a dilution of 1/30(Cytoplasm and Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221233(Anti-EPHA2 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using 221233(Anti-EPHA2 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D262742(Anti-EPHA2 Antibody) at dilution 1/30.