

EPHA3 RABBIT PAB

Cat.#: S214115

Product Name: Anti-EPHA3 Rabbit Polyclonal Antibody

Synonyms: EK4; ETK; HEK; ETK1; HEK4; TYRO4

UNIPROT ID: P29320 (Gene Accession - NP_005224)

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. Two alternatively spliced transcript variants have been described for this gene.

Immunogen: Synthetic peptide of human EPHA3

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

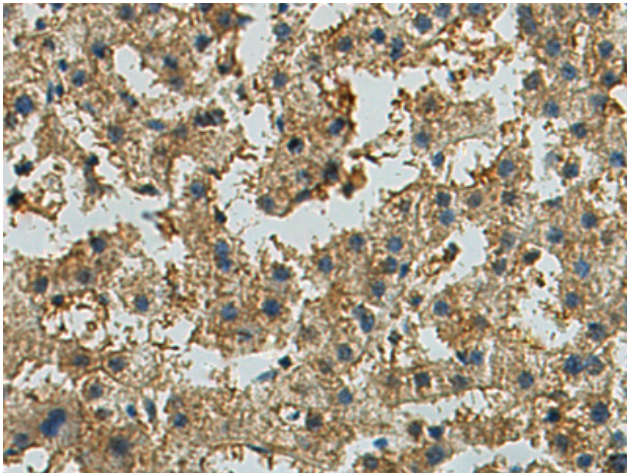
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

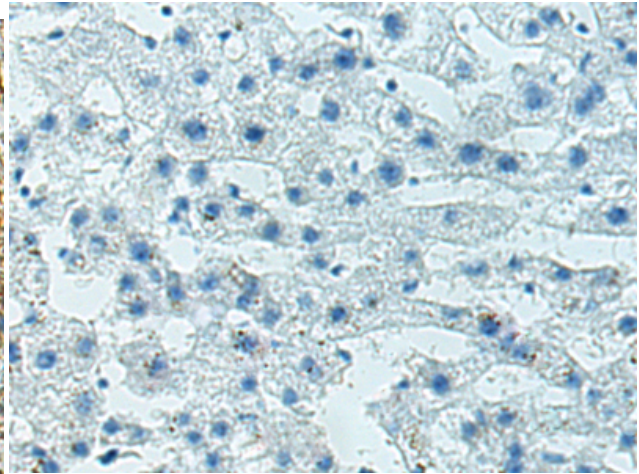
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Neuroscience, Cardiovascular

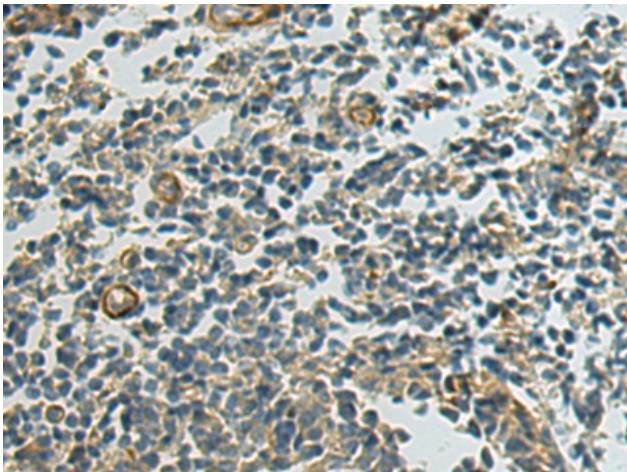
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



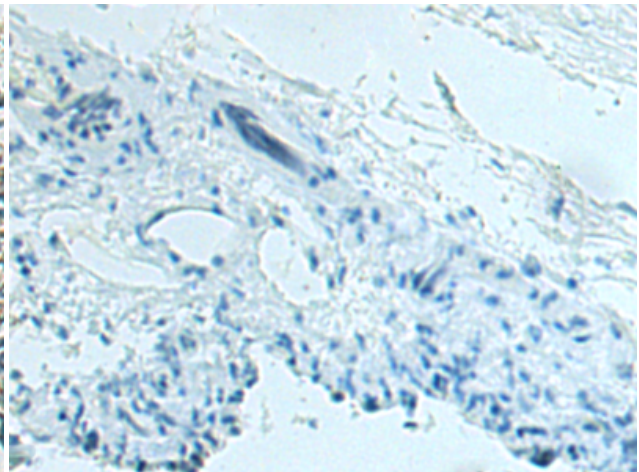
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 214115 (EPHA3 Antibody) at a dilution of 1/80 (Secreted).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 214115 (Anti-EPHA3 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 214115 (Anti-EPHA3 Antibody) at a dilution of 1/80.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D161366 (Anti-EPHA3 Antibody) at dilution 1/80.