

## KIF17 RABBIT PAB

**Cat.#:** S214436

**Product Name:** Anti-KIF17 Rabbit Polyclonal Antibody

**Synonyms:** KIF3X; KLP-2; OSM-3; KIF17B

**UNIPROT ID:** Q9P2E2 (Gene Accession - NP\_065867 )

**Background:** The kinesins constitute a large family of microtubule-dependent motor proteins, which are responsible for the distribution of numerous organelles, vesicles and macromolecular complexes throughout the cell (1,2). Kinesins also play crucial roles in cell division, intracellular transport and membrane trafficking events including endocytosis and transcytosis (2,3). KIF 17 is a neuronal-specific kinesin that transports vesicles containing N-methyl-D-aspartate (NMDA) receptor 2B along microtubules.

**Immunogen:** Synthetic peptide of human KIF17

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

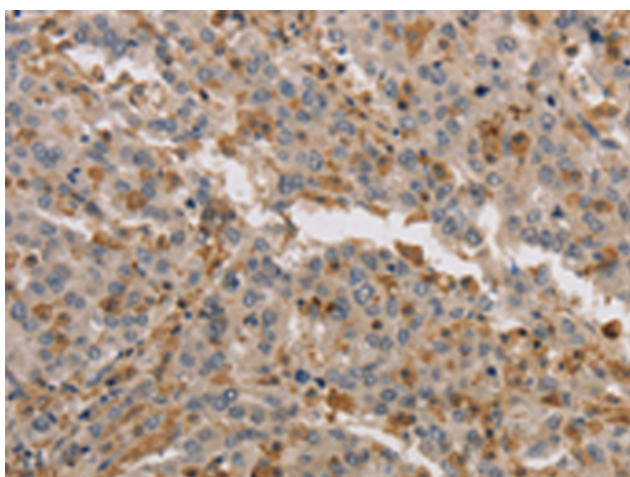
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

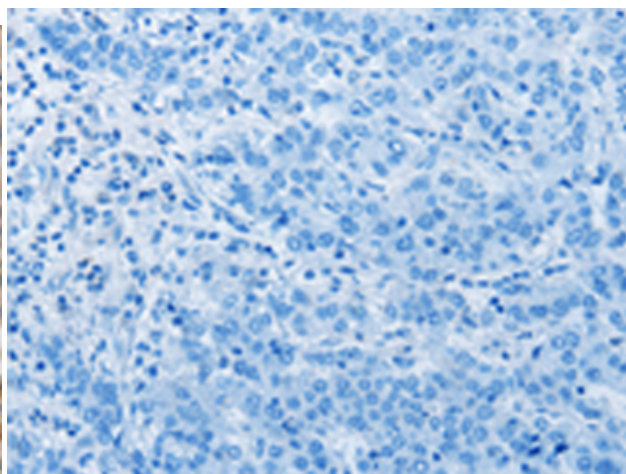
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

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



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 214436(KIF17 Antibody) at a dilution of 1/40(Cytoplasm).



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 214436(Anti-KIF17 Antibody) at dilution 1/40.