

## IKBIP RABBIT PAB

**Cat.#:** S217535

**Product Name:** Anti- $\text{IKBIP}$  Rabbit Polyclonal Antibody

**Synonyms:**  $\text{IKIP}$

**UNIPROT ID:** Q70UQ0 (Gene Accession - BC058933 )

**Background:**  $\text{IKIP}$  (Inhibitor of nuclear factor kappa-B kinase-interacting protein,  $\text{IKK}$ -interacting protein) is a single-pass membrane protein that shares a common promoter with  $\text{APAF1}$ .  $\text{APAF1}$  and  $\text{IKIP}$  are both induced by X irradiation, however, the two gene products are transcribed in different directions. The  $\text{IKIP}$  gene is believed to be a target for  $\text{p53}$  as expression of  $\text{IKIP}$  has been shown to promote apoptosis.  $\text{IKIP}$  has four known isoforms, three of which are found traversing the endoplasmic reticulum membrane.  $\text{IKIP}$  isoform 4 has a deletion of the transmembrane region which leads to a homogenous distribution of the protein within the cell. The  $\text{IKIP}$  gene products are expressed in vascular endothelial cells, while the isoform 4 has also been detected in lung, kidney, spleen, thymus and skeletal muscle.

**Immunogen:** Fusion protein of human  $\text{IKBIP}$

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50–200; ELISA: 2000–5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

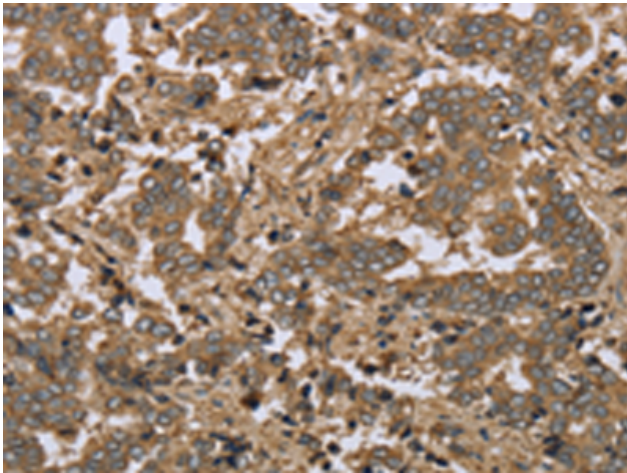
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

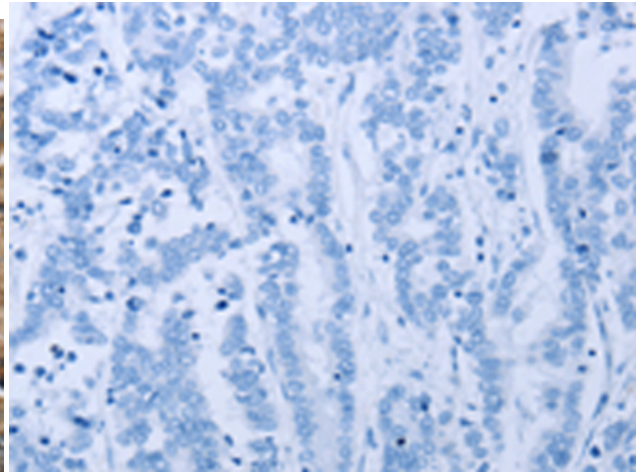
**Constituents:** PBS (without  $\text{Mg}^{2+}$  and  $\text{Ca}^{2+}$ ), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer

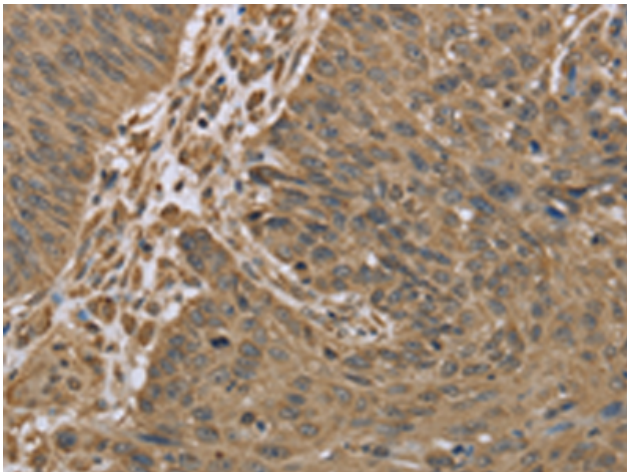
**Storage & Shipping:** Store at  $-20^{\circ}\text{C}$ . Avoid repeated freezing and thawing



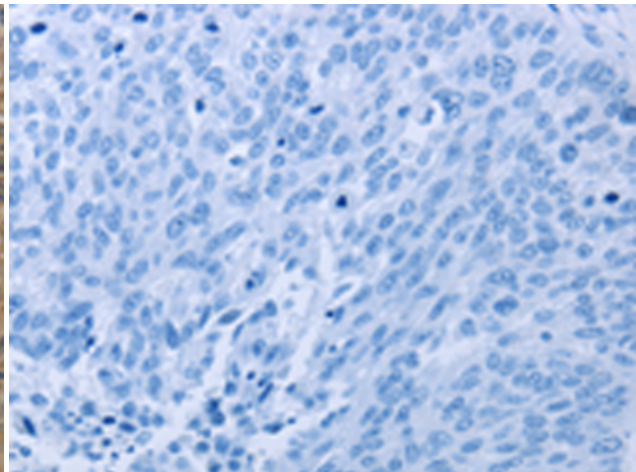
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217535(IKBIP Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217535(Anti-IKBIP Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 217535(Anti-IKBIP Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with fusion protein and then with D222537(Anti-IKBIP Antibody) at dilution 1/30.