

## IP6K2 RABBIT PAB

**Cat.#:** S219179

**Product Name:** Anti-IP6K2 Rabbit Polyclonal Antibody

**Synonyms:** PIUS; IHPK2

**UNIPROT ID:** Q9UHH9 (Gene Accession - BC004469 )

**Background:** This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP<sub>6</sub>) to diphosphoinositol pentakisphosphate (InsP<sub>7</sub>/PP-InsP<sub>5</sub>). It may also convert 1,3,4,5,6-pentakisphosphate (InsP<sub>5</sub>) to PP-InsP<sub>4</sub> and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms.

**Immunogen:** Fusion protein of human IP6K2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 200-400;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

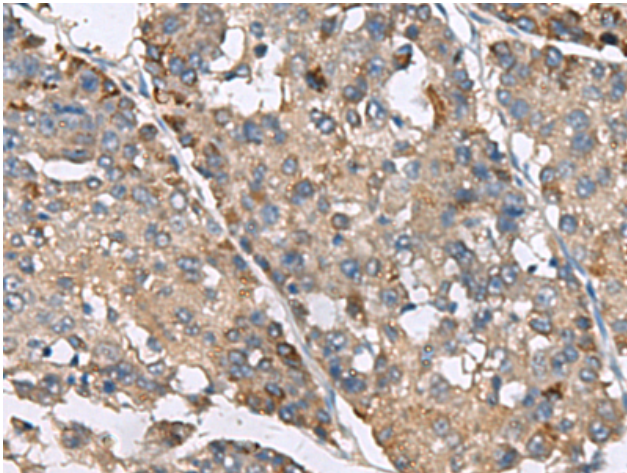
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

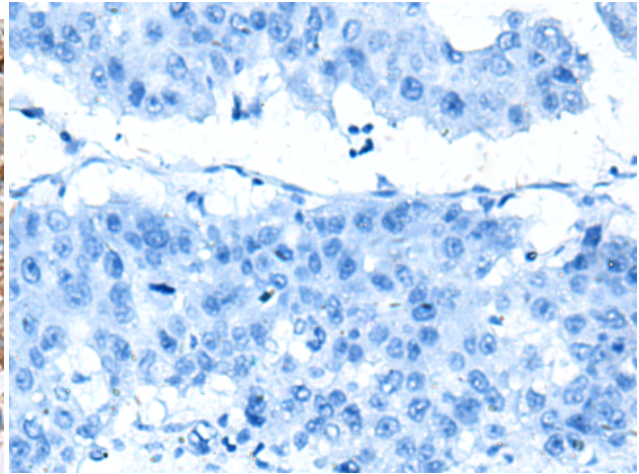
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

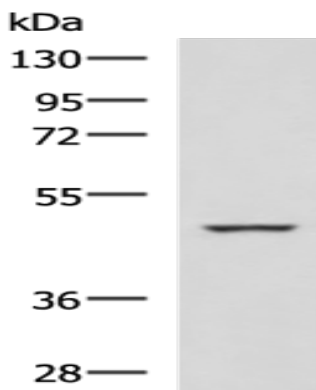
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219179(IP6K2 Antibody) at a dilution of 1/220(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 219179(Anti-IP6K2 Antibody) at dilution 1/220.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: K562 cell lysate;  
Primary antibody: 219179(IP6K2 Antibody) at dilution 1/650;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 5 seconds