

## BRI3BP RABBIT PAB

**Cat.#:** S221379

**Product Name:** Anti-BRI3BP Rabbit Polyclonal Antibody

**Synonyms:** KG19; BNAS1; HCCR-1; HCCR-2; HCCRBP-1

**UNIPROT ID:** Q8WY22 (Gene Accession - NP\_542193 )

**Background:** BRI3BP (BRI3 binding protein), also known as BNAS1, HCCR-1, I3-binding protein or cervical cancer 1 proto-oncogene-binding protein KG19, is a 251 amino acid multi-pass membrane protein. Though widely expressed, BRI3BP is found at highest levels in brain, kidney and liver where it localizes to the endoplasmic reticulum (ER) and is involved in ER structural dynamics and mitochondrial viability. Possessing pro-apoptotic properties and the ability to potentiate drug-induced apoptosis, BRI3BP overexpression has been shown to enhance caspase-3 and mitochondrial cytochrome c release in etoposide-treated human embryonic kidney 293T cells.

**Immunogen:** Synthetic peptide of human BRI3BP

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

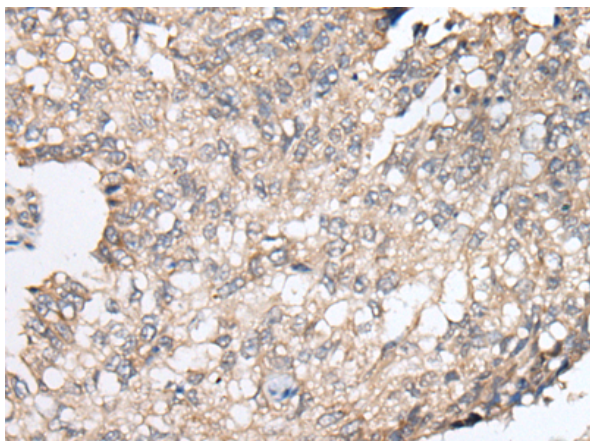
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

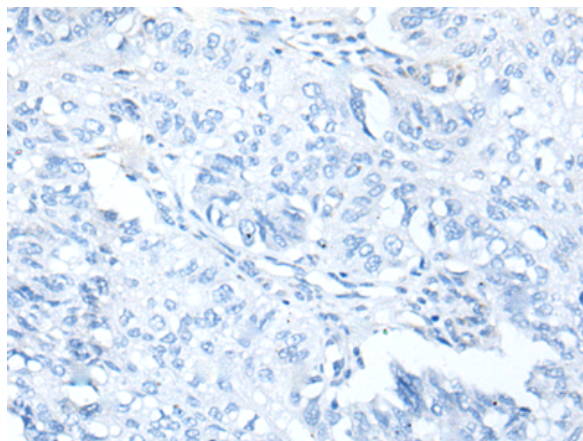
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer

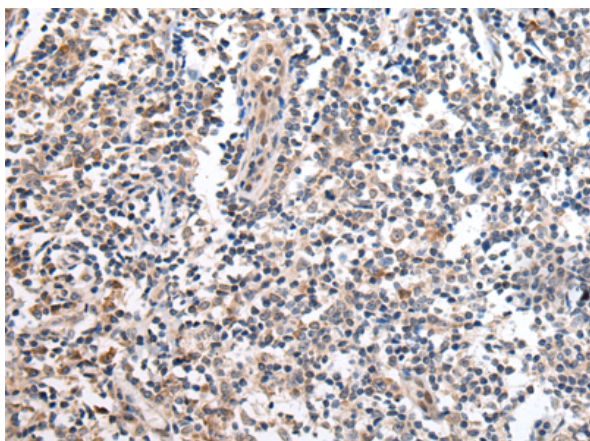
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



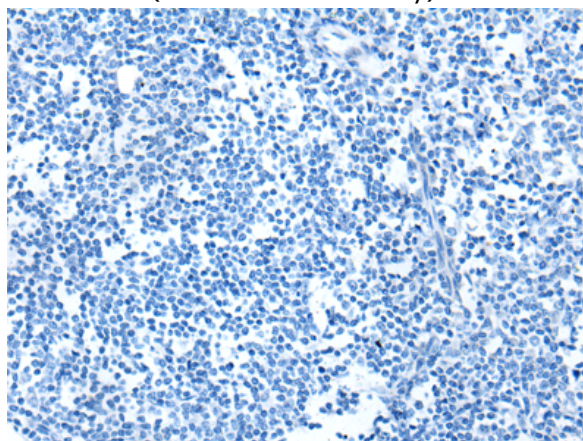
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 221379(BRI3BP Antibody) at a dilution of 1/20(Cell membrane).



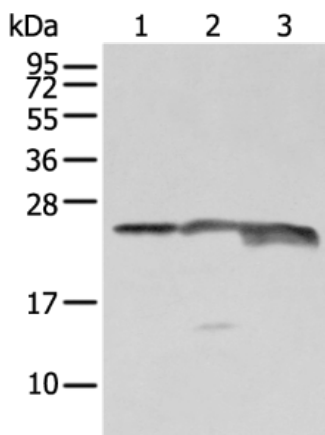
In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 221379(Anti-BRI3BP Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 221379(Anti-BRI3BP Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with synthetic peptide and then with D262942(Anti-BRI3BP Antibody) at dilution 1/20.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane 1-3: K562 cell, Mouse brain tissue and RAW264.7 cell lysates;  
Primary antibody: 221379(BRI3BP Antibody) at dilution 1/250;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 5 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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