

## ZNHIT1 RABBIT PAB

**Cat.#:** S218052

**Product Name:** Anti-ZNHIT1 Rabbit Polyclonal Antibody

**Synonyms:** CGI1; ZNFN4A1

**UNIPROT ID:** O43257 (Gene Accession - BC017333 )

**Background:** ZNHIT1 (zinc finger, HIT-type containing 1), also known as CGI1 (cyclin-G1-binding protein 1), p18 hamlet or ZNFN4A1 (zinc finger protein subfamily 4A member 1), is a 154 amino acid protein that plays a role in the induction of p53-mediated apoptosis. A member of the ZNHIT1 family, ZNHIT1 contains one HIT-type zinc finger and interacts with p38. ZNHIT1 undergoes post-translational phosphorylation and is encoded by a gene that maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman–Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams–Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance.

**Immunogen:** Full length fusion protein

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 30-150;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

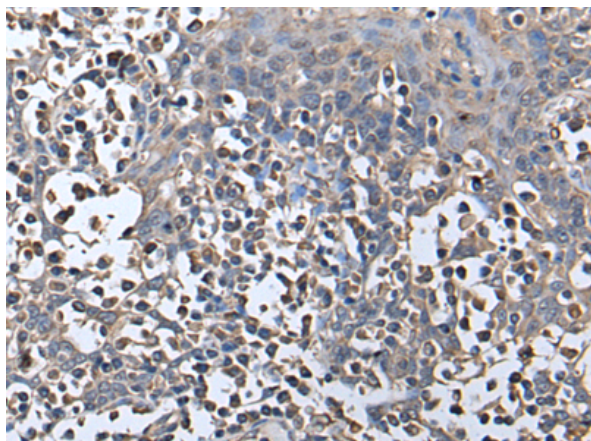
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

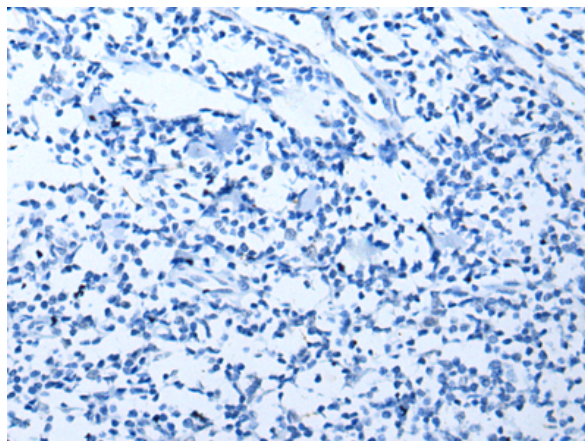
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer

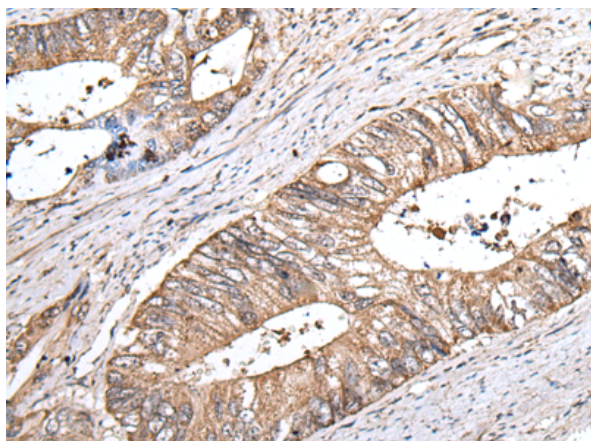
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



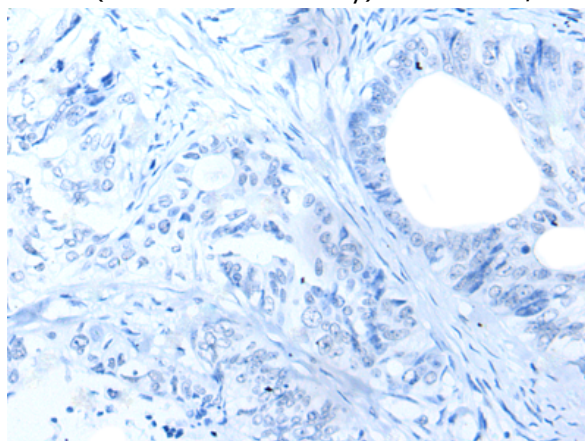
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218052(ZNHIT1 Antibody) at a dilution of 1/40(Cytoplasm and Nucleus).



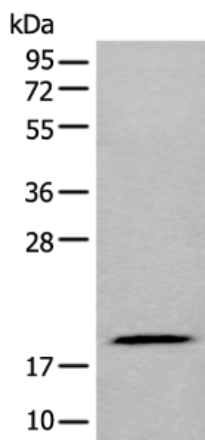
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218052(Anti-ZNHIT1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 218052(Anti-ZNHIT1 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D223618(Anti-ZNHIT1 Antibody) at dilution 1/40.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane: 293T cell lysate ;  
Primary antibody: 218052(ZNHIT1 Antibody) at dilution 1/400;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 30 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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