

Anti-ZNHIT1 antibody

Cat. No.	ml223618
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ZNHIT1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Full length fusion protein
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ZNHIT1
Full name	zinc finger HIT-type containing 1

Synonyms CG1I; ZNFN4A1

Swissprot O43257

Target Background

ZNHIT1 (zinc finger, HIT-type containing 1), also known as CG1I (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.

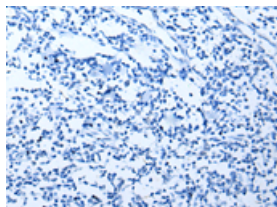
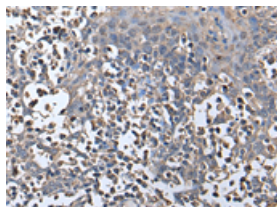
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human tonsil

Recommended dilution: 30-150

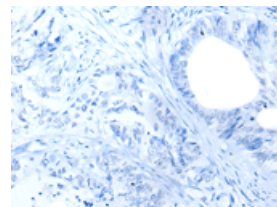
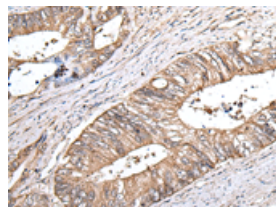


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml223618(ZNHIT1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml223618(ZNHIT1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 18 kDa

Positive control: 293T cell lysate

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

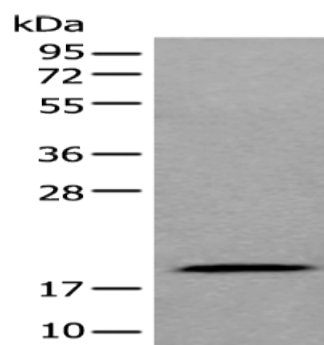
Lysate: 40 μ g

Lane: 293T cell lysate

Primary antibody: ml223618(ZNHIT1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



ELISA

Recommended dilution: 5000-10000

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