ZNHIT1 Antibody

Catalog No: #43881

Package Size: #43881-1 50ul #43881-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

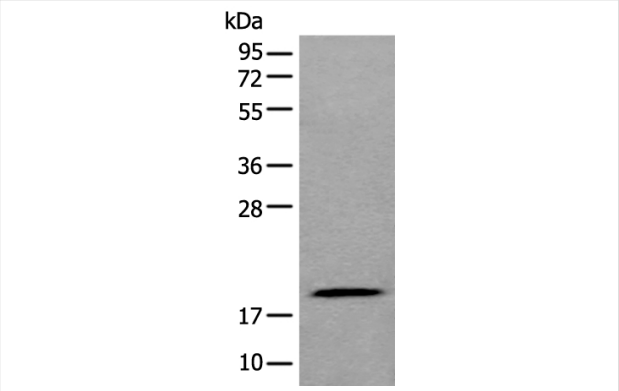
Product Name	ZNHIT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZNHIT1 protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein
Target Name	ZNHIT1
Other Names	CG1I; ZNFN4A1
Accession No.	Swiss-Prot#: O43257NCBI Gene ID: 10467
Calculated MW	18kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

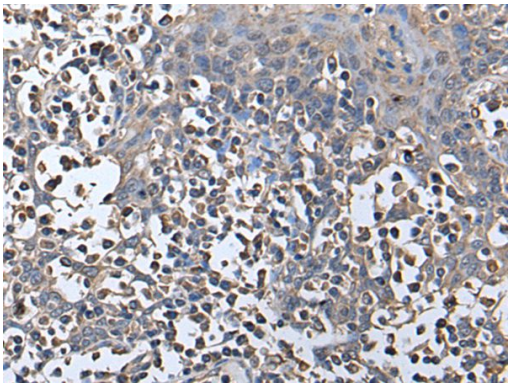
Western blotting: 1:200-1000

Immunohistochemistry: 1: 30-150

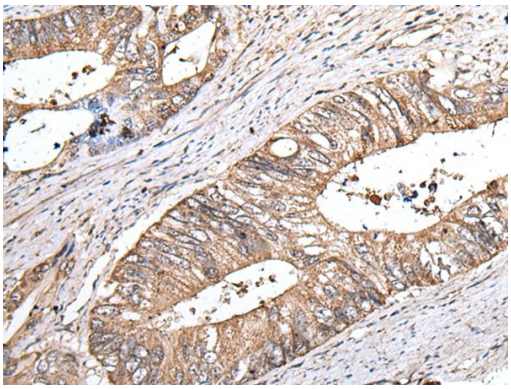
Images



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



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ZNHIT1 Antibody at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ZNHIT1 Antibody at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.