ZBTB10 Antibody

Catalog No: #43967

Package Size: #43967-1 50ul #43967-2 100ul

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

Description

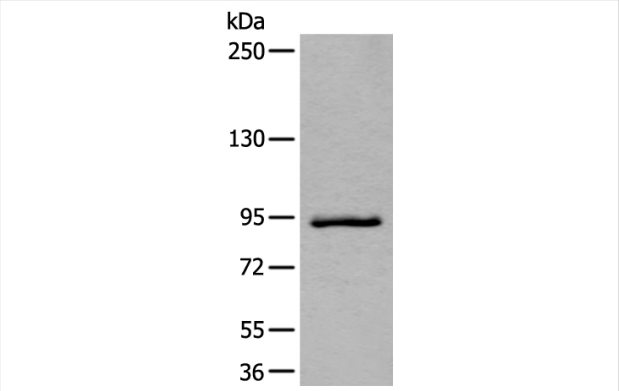
Product Name	ZBTB10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZBTB10 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human ZBTB10
Target Name	ZBTB10
Other Names	RINZF
Accession No.	Swiss-Prot#: Q96DT7NCBI Gene ID: 65986
Calculated MW	95kd
Concentration	2.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

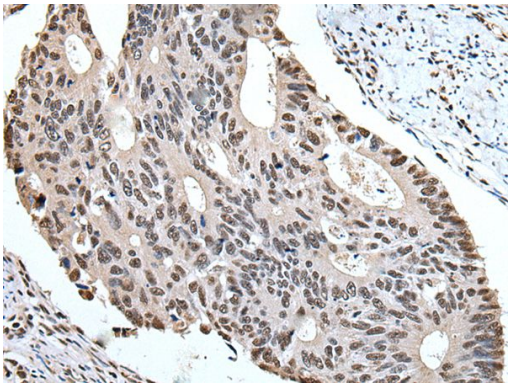
Western blotting: 1:500-2000

Immunohistochemistry: 1: 100-300

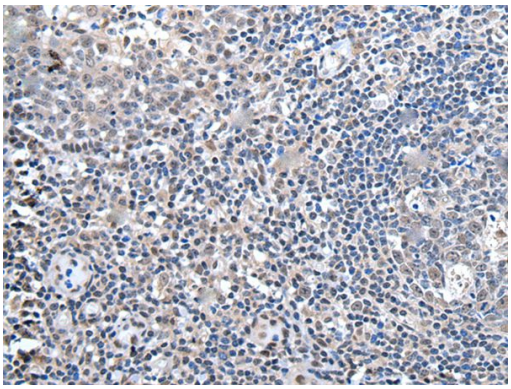
Images



Gel: 6%SDS-PAGE
Lysate: 40 µg, Lane: Jurkat cell lysate,
Primary antibody:ZBTB10 antibody at dilution 1/800,
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 40 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ZBTB10 Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ZBTB10 Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

RINZF, also known as ZBTB10 (zinc finger and BTB domain containing protein 10), is a 847 amino acid protein that contains one BTB/POZ domain and two C2H2-type zinc fingers. Localized to the nucleus, RINZF is believed to play a role in transcriptional regulation. Specifically, RINZF is capable of binding to the CACC element of the Gastrin promoter. In this regard, RINZF competes with Sp1 for CACC binding and interferes with Sp1 transactivation, thereby regulating Gastrin gene expression. The rat RINZF protein shares 98% homology with the human RINZF protein, suggesting that RINZF is a conserved protein. Due to alternative splicing events, two RINZF isoforms exist. In addition, RINZF may be phosphorylated by ATR or ATM upon DNA damage.

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