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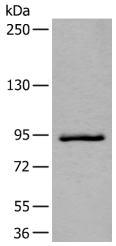
ZBTB10 Polyclonal Antibody

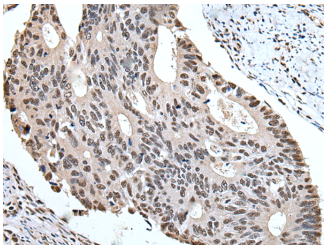
Catalog No.	E-AB-19551	**Reactivity**	H
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

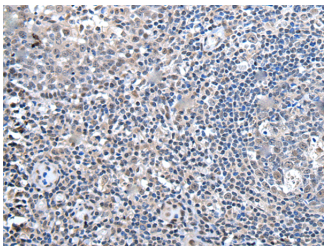
Images



Western blot analysis of Jurkat cell lysate using ZBTB10 Polyclonal Antibody at dilution of 1:800



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ZBTB10 Polyclonal Antibody at dilution of 1:100(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ZBTB10 Polyclonal Antibody at dilution of 1:100(×200)

Immunogen Information

Immunogen	Synthetic peptide of human ZBTB10
Gene Accession	NP001099009
Swissprot	Q96DT7
Synonyms	FLJ12752,RINZF,RINZFC,ZBT10,ZBTB10,Zinc finger and BTB domain containing protein 10

Product Information

Calculated MW	95 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

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.