ZBTB10 Polyclonal Antibody

catalog number: **E-AB-19551**

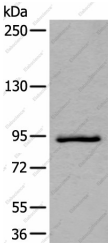
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Synthetic peptide of human ZBTB10
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:300

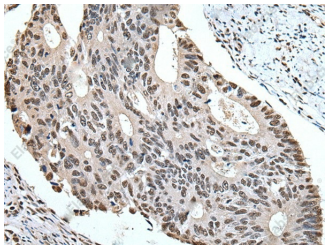
Data



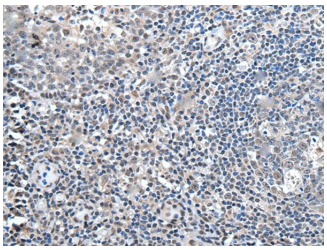
Western blot analysis of Jurkat cell lysate using ZBTB10 Polyclonal Antibody at dilution of 1:800

Observed-MW:Refer to figures

Calculated-MW:95 kDa



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)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
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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 additio n, RINZF may be phosphorylated by ATR or ATM upon DNA damage.

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