

ZBTB10 Polyclonal Antibody

Catalog Number:E-AB-53220



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

Description

Reactivity	Human, Rat
Immunogen	Synthetic peptide of human ZBTB10
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:2000-1:5000

Data



Western blot analysis of 293T cells Jurkat cells Raji cells hela cells using ZBTB10 Polyclonal Antibody at dilution of 1:1000

Observed MW:Refer to figures
Calculated Mw:95 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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