# **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

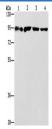
**Conjugation** Unconjugated

buffer Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications Recommended Dilution

**WB** 1:500-1:2000

## Data



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

Observed-MV:Refer to figures
Calculated-MV:95 kDa

## **Preparation & Storage**

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

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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