Anti-ZBTB10 antibody

Cat. No.	ml156009
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-ZBTB10 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human ZBTB10
Reactivity	Human, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ZBTB10
Full name	zinc finger and BTB domain containing 10
Synonyms	RINZF
Swissprot	Q96DT7

Target 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.

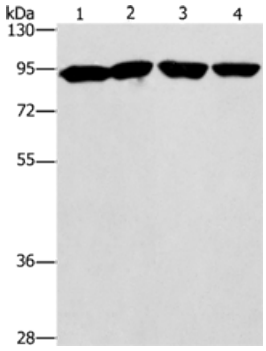
Applications

Western blotting

Predicted band size:95 kDa

Positive control:293T, Jurkat, Raji and hela cells

Recommended dilution: 1000-5000



Gel: 8%SDS-PAGE

Lysate: 40 μg

Lane 1-4: 293T cells, Jurkat cells, Raji cells, hela cells

Primary antibody: ml156009(ZBTB10 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds

ELISA

Recommended dilution:2000-10000

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