bs-13583R **[Primary Antibody]**

ZBTB7C Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 201501 **SWISS:** A1YPR0

Target: ZBTB7C

Immunogen: KLH conjugated synthetic peptide derived from human ZBTB7C: 351-450/619.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. The Zinc finger and BTB domain-containing protein 7C (ZBTB7C), also designated affected by papillomavirus DNA integration in ME180 cells protein 1 (APM-1), contains 1 BTB (POZ) domain and 4 C2H2-type zinc fingers. ZBTB7C is detected in normal cervical keratinocytes and may be a potential tumor suppressor gene against human papillomavirus (HPV) mediated cervical carcinogenesis.

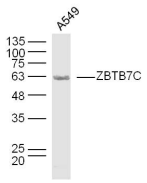
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig, Sheep, Cow, Chicken, Horse)

Predicted MW.: 69 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: A549 (human)Cell Lysate at 40 ug
Primary: Anti-ZBTB7C(bs-13583R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69 kD Observed band size: 63 kD

SELECTED CITATIONS

- **[IF=3.375]** Xuenuo Chen. et al. Zinc finger and BTB domain-containing 7C (ZBTB7C) expression as an independent prognostic factor for colorectal cancer and its relevant molecular mechanisms. Am J Transl Res. 2020; 12(8): 4141–4159 IHC ;Human. 32913494