bs-9432R **[Primary Antibody]**

GERP Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 81603 **SWISS:** Q9BZR9

Target: GERP

Immunogen: KLH conjugated synthetic peptide derived from human GERP/TRIM8/RNF27: 61-160/551.

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 tripartite motif (TRIM) family of proteins are characterized by a conserved TRIM domain that includes a coiled-coil region, a B-box type zinc finger, one RING finger and three zinc-binding domains. TRIM8 (tripartite motif containing 8), also known as GERP (glioblastoma-expressed RING finger protein) or RNF27 (RING finger protein 27), is a 551 amino acid protein that is thought to function as an E3 ubiquitin-protein ligase that promotes SOCS-1 proteasomal degradation. As a widely expressed homodimer, TRIM8 localizes to nuclear bodies and contains two B box-type zinc fingers and one RING-type zinc finger. TRIM8 is expressed in lung, heart, brain and skeletal muscle, with low levels detected in intestine, placenta, leukocytes and liver. The gene encoding TRIM8 maps to human chromosome 10q24.32.

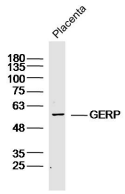
Applications: **WB** (1:500-2000)

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

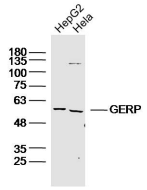
Predicted MW.: 61 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Placenta (Mouse) Lysate at 40 ug Primary: Anti- GERP (bs-9432R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61kD Observed band size: 61kD



Sample: HepG2 Cell (Human) Lysate at 30 ug Hela Cell(Human)Lysate at 30 ug Primary: Anti-GERP (bs-9432R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61kD Observed band size: 61kD