GERP Rabbit pAb

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Catalog Number:	bs-9432R
Target Protein:	GERP
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse (predicted:Rat, Sheep, Chicken, Dog, Horse)
Predicted MW:	61 kDa
Subcellular Locations:	Cytoplasm ,Nucleus
Entrez Gene:	81603
Swiss Prot:	Q9BZR9
Source:	KLH conjugated synthetic peptide derived from human GERP/TRIM8/RNF27: 61-160/551.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
	Shipped at 4℃. Store at -20℃ 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.

VALIDATION IMAGES

HepG2
Hela

180 —
135 —
100 —
75 —

63 —
———— GERP
48 —

35 —
25 —
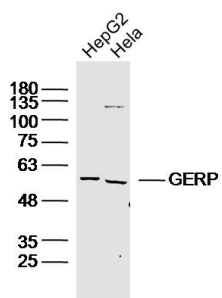
Sample: HepG2 Cell (Human) Lysate at 30 ug Hela Cell(Human)Lysate at 30 ug Primary: Anti- GERP (bs-9432R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61kD Observed band size: 61kD

Placenta

180 —
135 —
100 —
75 —

63 —
——— GERP
48 —

35 —
25 —
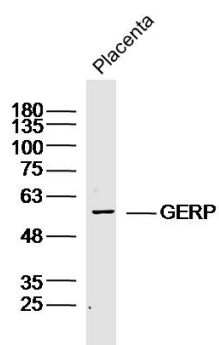
Sample: Placenta (Mouse) Lysate at 40 ug Primary: Anti- GERP (bs-9432R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61kD Observed band size: 61kD