

**bs-13337R****[ Primary Antibody ]****GFI1 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> ELISA (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Dog, Horse, Xenopus laevis)
<b>GeneID:</b> 2672	<b>SWISS:</b> Q99684	
<b>Target:</b> GFI1		<b>Predicted MW.:</b> 45 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human GFI1/ZNF163: 301-400/422.		<b>Subcellular Location:</b> Nucleus
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Growth factor independent 1 (Gfi-1) is a transcriptional repressor that specifically binds to the DNA consensus sequence TAAATCAC(A/T)GCA. The carboxy-terminus of Gfi-1 contains six C2H2-type zinc finger motifs, and zinc fingers 3, 4 and 5 are required for the binding of Gfi-1 to its DNA binding site. Gfi-1 also contains a 20 amino acid SNAG domain which mediates transcriptional repression. It represses Bax at the mRNA and protein levels, resulting in the inhibition of cell death. Gfi1 is expressed outside the lymphoid system in granulocytes and activated macrophages. Gfi-1B, a related protein, is a transcriptional repressor primarily expressed in bone marrow and spleen. Gfi-1B is a direct repressor of the p21 promoter and the Socs 1 and 3 promoters. The genes encoding human Gfi-1 and Gfi-1B map to chromosome 1p22 and 9q34.3, respectively.		