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Datasheet for ABIN1714623  
**anti-GFI1 antibody (AA 301-400)**

### Overview

Quantity:	100 µL
Target:	GFI1
Binding Specificity:	AA 301-400
Reactivity:	Rat, Mouse, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFI1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GFI1/ZNF163
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat, Xenopus laevis
Predicted Reactivity:	Human,Dog,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	GFI1
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## Target Details

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Alternative Name: GFI1/ZNF163 ([GFI1 Products](#))

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Background: Synonyms: GFI 1, GFI1, GFI-1, GFI1\_HUMAN, Growth factor independence 1, growth factor independent 1, Growth factor independent protein 1, SCN2, Zinc finger protein 163, Zinc finger protein Gfi 1, Zinc finger protein Gfi-1, Zinc finger protein Gfi1, ZNF 163, ZNF163.

Background: 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.

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Gene ID: 2672

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months