

# GFI1 Polyclonal antibody

Catalog Number: 14198-1-AP

1 Publications

## Basic Information

## Catalog Number:

14198-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG5401

## GenBank Accession Number:

BC032751

## GeneID (NCBI):

2672

## UNIPROT ID:

Q99684

## Full Name:

growth factor independent 1  
transcription repressor

## Calculated MW:

45 kDa

## Observed MW:

62-66 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

## Applications

## Tested Applications:

WB, ELISA

## Cited Applications:

IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

mouse

## Positive Controls:

WB : K-562 cells, HL-60 cells, mouse thymus tissue, PC-3 cells, Raji cells, RAW264.7

## Background Information

GFI1 is a transcriptional repressor that is transiently induced during T-cell differentiation. It has critical roles in enhancing T helper-2 (Th2) cell expansion and in repressing induction of Th17 and CD103-positive inducible regulatory T (Treg) cells [PMID: 19188499]. GFI1 transcriptional regulator oncoprotein plays a crucial role in hematopoietic, inner ear, and pulmonary neuroendocrine cell development and governs cell processes as diverse as self-renewal of hematopoietic stem cells, proliferation, apoptosis, differentiation, cell fate specification, and oncogenesis [PMID: 18805794]. The calculated molecular weight of GFI1 protein is about 45 kDa, but the modification of ubiquitinated GFI1 protein is about 62-66 kDa [PMID: 12721361].

## Notable Publications

Author	Pubmed ID	Journal	Application
Joshua E Burda	35614216	Nature	IHC

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

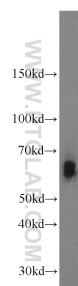
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 14198-1-AP (GFI1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.