

## GFI1 Polyclonal Antibody

Catalog number: 14198-1-AP

Size: 21 µg/150 µl

Source: Rabbit

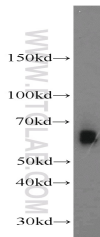
Isotype: IgG

Synonyms:

GFI1; FLJ94509, GFI 1, GFI1,

Zinc finger protein 163, Zinc

finger protein Gfi 1, ZNF163



K-562 cells were subjected to SDS PAGE followed by western blot with 14198-1-AP(GFI1 antibody) at dilution of 1:500

### Background

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]. The growth factor independent 1 (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].

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated GFI1 MW:	45 kDa
Observed GFI1 MW:	62-66 kDa
Positive WB detected in	K-562 cells, HL-60 cells, PC-3 cells, Raji cells, RAW264.7 cells
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag5401
GenBank accession number:	BC032751
Gene ID (NCBI):	2672
Full name:	Growth factor independent 1 transcription repressor

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.