

For Research Use Only

# HBG1 Polyclonal antibody

Catalog Number: 25728-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

25728-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG22776

**GenBank Accession Number:**

BC010913

**GeneID (NCBI):**

3047

**UNIPROT ID:**

P69891

**Full Name:**

hemoglobin, gamma A

**Calculated MW:**

147 aa, 16 kDa

**Observed MW:**

14-16 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:16000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

FC, IP, WB, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human

**Cited Species:**

human

**Positive Controls:**

WB : K-562 cells, human placenta tissue

IP : K-562 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Chenguang Yang	35721103	Front Pharmacol	IF
Jing Chen	32763160	Stem Cell Reports	WB

## 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:

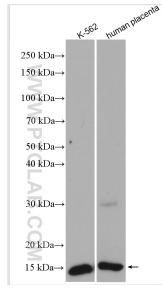
T: 4006900926

E: Proteintech-CN@ptglab.com

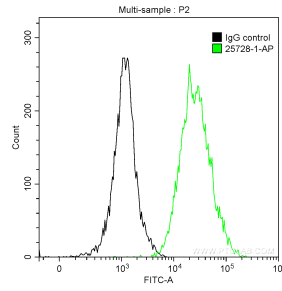
W: ptgcn.com

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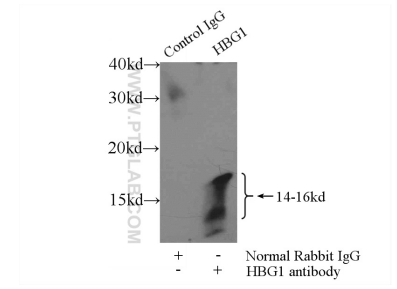
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25728-1-AP (HBG1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  K-562 cells were intracellularly stained with 0.2  $\mu$ g Anti-Human HBG1 (25728-1-AP) and CoraLite<sup>®</sup> 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2  $\mu$ g Control Antibody. Cells were fixed with 90% MeOH.



IP result of anti-HBG1 (IP:25728-1-AP, 3 $\mu$ g; Detection:25728-1-AP 1:300) with K-562 cells lysate 2000 $\mu$ g.