

For Research Use Only

# HBG1 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 25728-1-AP	<b>GenBank Accession Number:</b> BC010913	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3047	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> hemoglobin, gamma A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 147 aa, 16 kDa	
<b>Immunogen Catalog Number:</b> AG22776	<b>Observed MW:</b> 14-16 kDa	

## Applications

<b>Tested Applications:</b> FC, IP, WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, human placenta tissue IP : K-562 cells,
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

### Notable Publications

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

## Storage

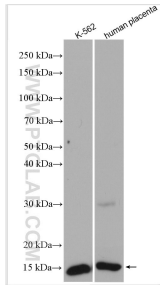
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

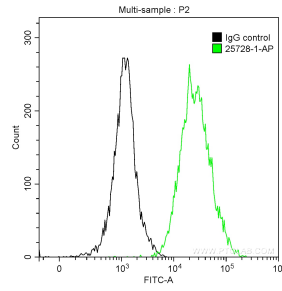
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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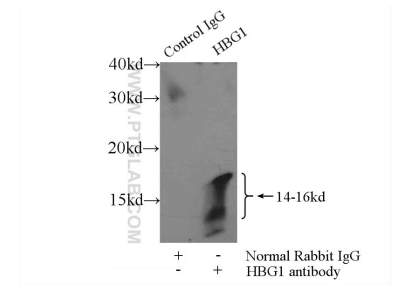
## Selected Validation Data



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.