

For Research Use Only

# AHSP Polyclonal antibody

Catalog Number: 13643-1-AP



## Basic Information

<b>Catalog Number:</b> 13643-1-AP	<b>GenBank Accession Number:</b> BC035842	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 51327	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NZD4	
<b>Isotype:</b> IgG	<b>Full Name:</b> erythroid associated factor	
<b>Immunogen Catalog Number:</b> AG4588	<b>Calculated MW:</b> 102 aa, 12 kDa	
	<b>Observed MW:</b> 10 kDa	

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse, pig

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : pig bone marrow tissue,

IHC : human placenta tissue, mouse lung tissue

## Background Information

AHSP acts as a chaperone to prevent the harmful aggregation of alpha-hemoglobin during normal erythroid cell development, and specifically protects free alpha-hemoglobin from precipitation. It is predicted to modulate pathological states of alpha-hemoglobin excess such as beta-thalassemia (PMID: 12066189).

## 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:

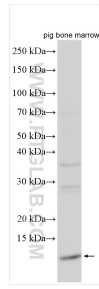
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

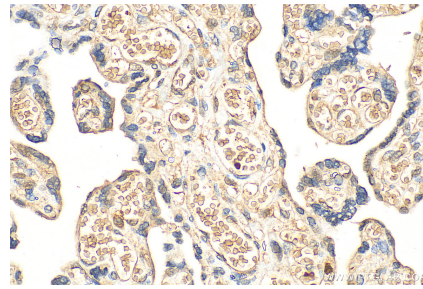
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

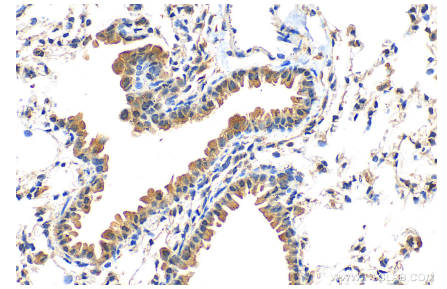
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13643-1-AP (AHSP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13643-1-AP (AHSP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13643-1-AP (AHSP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).