

For Research Use Only

# HBQ1 Polyclonal antibody, PBS Only

Catalog Number: 16706-1-PBS



## Basic Information

<b>Catalog Number:</b> 16706-1-PBS	<b>GenBank Accession Number:</b> BC056686	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3049	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09105	
<b>Isotype:</b> IgG	<b>Full Name:</b> hemoglobin, theta 1	
<b>Immunogen Catalog Number:</b> AG10105	<b>Calculated MW:</b> 142 aa, 16 kDa	
	<b>Observed MW:</b> 10-16 kDa	

## Applications

**Tested Applications:**  
WB, IHC, ELISA

**Species Specificity:**  
human

## Background Information

HBQ1 (Hemoglobin subunit theta-1) is a member of the human alpha-globin gene cluster. HBQ1 mRNA is found in human fetal erythroid tissue but not in adult erythroid or other nonerythroid tissue (PMID: 3657976). HBQ1 gene was transcribed in an erythroleukemia cell line. HBQ1 has transcriptionally active and may be expressed in early erythroid tissue (PMID: 3422341).

## Storage

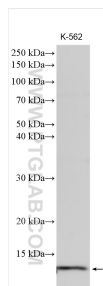
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

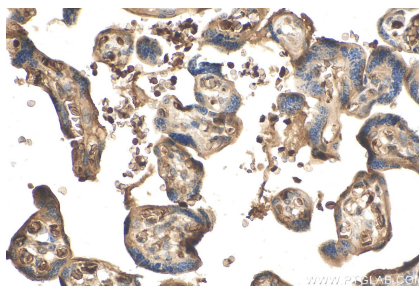
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

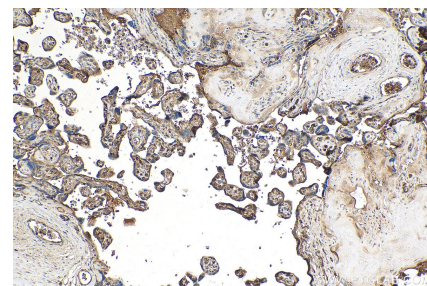
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16706-1-AP (HBQ1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16706-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16706-1-AP (HBQ1 antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 16706-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16706-1-AP (HBQ1 antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 16706-1-PBS in a different storage buffer formulation.