

For Research Use Only

HBQ1 Polyclonal antibody

Catalog Number: 16706-1-AP



Basic Information

Catalog Number: 16706-1-AP	GenBank Accession Number: BC056686	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop;	GeneID (NCBI): 3049	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P09105	
Isotype: IgG	Full Name: hemoglobin, theta 1	
Immunogen Catalog Number: AG10105	Calculated MW: 142 aa, 16 kDa	
	Observed MW: 10~16 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : K-562 cells, IHC : human placenta tissue,

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

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

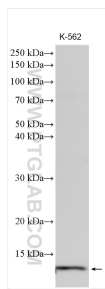
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

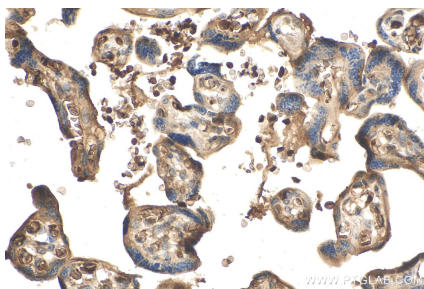
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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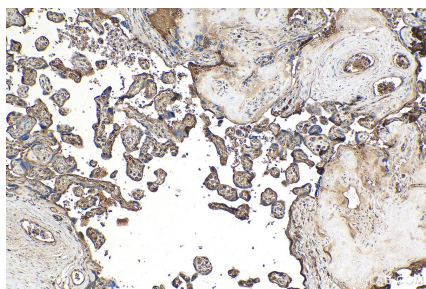
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16706-1-AP (HBQ1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16706-1-AP (HBQ1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 16706-1-AP (HBQ1 antibody) at dilution of 1:200 (under 40x lens).