

HBQ1 Rabbit pAb

Catalog # AP99869

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P09105
Other Accession	P09105
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15508
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HBQ1
Epitope Specificity	1-100/142
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the globin family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Theta-globin mRNA is found in human fetal erythroid tissue but not in adult erythroid or other nonerythroid tissue. The theta-1 gene may be expressed very early in embryonic life, perhaps sometime before 5 weeks. Theta-1 is a member of the human alpha-globin gene cluster that involves five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-2 -pseudoalpha-1 - alpha-2 - alpha-1 - theta-1 - 3'. Research supports a transcriptionally active role for the gene and a functional role for the peptide in specific cells, possibly those of early erythroid tissue.

Additional Information

Gene ID	3049
Other Names	HBQ; HBAT_HUMAN; HBQ1; Hemoglobin theta-1 chain; Theta-1-globin; hemoglobin subunit theta 1; hemoglobin, theta 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HBQ1
-------------	------

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.