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Hemoglobin subunit epsilon Rabbit pAb

Catalog # AP98049

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	P02100
Other Accession	P02100
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16203
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Hemoglobin subunit epsilon
Epitope Specificity	31-100/147
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	The epsilon globin gene (HBE) is normally expressed in the embryonic yolk sac: two epsilon chains together with two zeta chains (an alpha-like globin) constitute the embryonic hemoglobin Hb Gower I; two epsilon chains together with two alpha chains form the embryonic Hb Gower II. Both of these embryonic hemoglobins are normally supplanted by fetal, and later, adult hemoglobin. The five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon - G-gamma - A-gamma - delta - beta-3' [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	3046
Other Names	HBE; HBE_HUMAN; HBE1; Epsilon-globin; Hemoglobin epsilon chain; hemoglobin subunit epsilon 1; hemoglobin, epsilon 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	HBE1
Synonyms	HBE
Function	The epsilon chain is a beta-type chain of early mammalian embryonic hemoglobin.
Tissue Location	Red blood cells.

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