

Rabbit anti-Human HBQ1 Polyclonal Antibody | anti-HBQ1 antibody

HBQ1 Antibody (N-term)

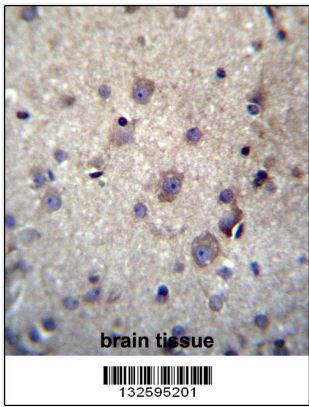
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283810	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

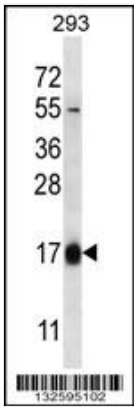
HBQ1; Polyclonal Antibody; HBQ1 Antibody (N-term); Hemoglobin subunit theta-1; Hemoglobin theta-1 chain; Theta-1-globin; anti-HBQ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HBQ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-28 amino acids from the N-terminal region of human HBQ1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-28
Sequence Length	142
Applicable Applications for anti-HBQ1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
HBQ1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HBQ1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HBQ1 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the HBQ1 antibody detected the HBQ1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HBQ1 antibody	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.
Product Categories/Family for anti-HBQ1 antibody	Cardiovascular
References	De Gobbi, M., et al. Science 312(5777):1215-1217(2006) Patrinos, G.P., et al. Hum. Mutat. 26(5):399-412(2005) Daniels, R.J., et al. Hum. Mol. Genet. 10(4):339-352(2001) Giardina, B., et al. Crit. Rev. Biochem. Mol. Biol. 30(3):165-196(1995) Kim, J.H., et al. Nucleic Acids Res. 17(14):5687-5700(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885395
NCBI GeneID	3049
NCBI Accession #	NP_005322.1
NCBI GenBank Nucleotide #	NM_005331.4
UniProt Accession #	P09105; Q13723; Q1W6G5
Molecular Weight	15508
NCBI Official Full Name	hemoglobin subunit theta-1
NCBI Official Synonym Full Names	hemoglobin, theta 1
NCBI Official Symbol	HBQ1
NCBI Official Synonym Symbols	HBQ

NCBI Protein Information	hemoglobin subunit theta-1
UniProt Protein Name	Hemoglobin subunit theta-1
UniProt Gene Name	HBQ1
UniProt Entry Name	HBAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/hbq1-antibody-immunohistochemistry-western-blot-elisa/283810>