

Datasheet for ABIN952710  
**anti-HBQ1 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	0.4 mL
Target:	HBQ1
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBQ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human Hemoglobin theta-1 Genename: HBQ1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Hemoglobin theta-1 chain (N-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	HBQ1
Alternative Name:	Hemoglobin theta-1 Chain ( <a href="#">HBQ1 Products</a> )

## Target Details

**Background:** 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.Synonyms: HBQ1, Theta-1-globin

**Molecular Weight:** 15508 Da

**Gene ID:** 3049

**NCBI Accession:** [NP\\_005322](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS containing 0.09 % (W/V) Sodium Azide as preservative

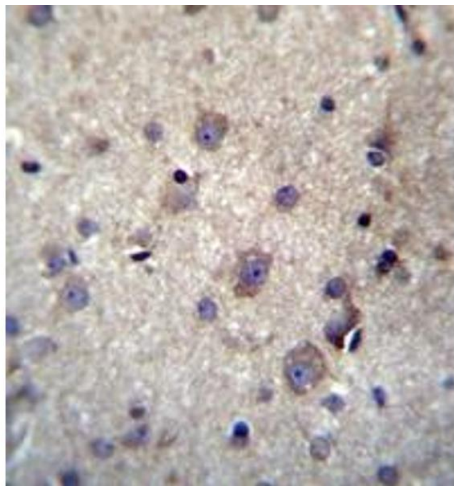
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

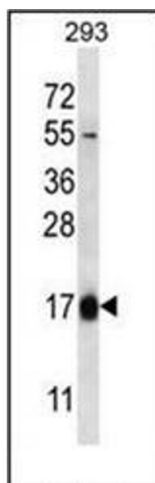
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with HBQ1 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



#### Western Blotting

**Image 2.** Western blot analysis of HBQ1 Antibody (N-term) in 293 cell line lysates (35ug/lane). This demonstrates the HBQ1 antibody detected the HBQ1 protein (arrow).