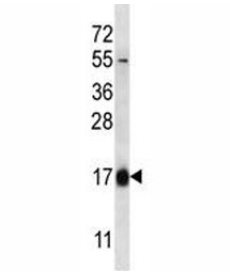
HBQ1 Antibody / Hemoglobin subunit theta 1 (F42634)

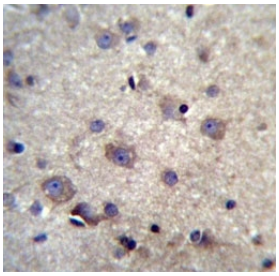
Catalog No.	Formulation	Size
F42634-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42634-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P09105
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This HBQ1 antibody is available for research use only.



HBQ1 antibody western blot analysis in 293 lysate.



HBQ1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

Description

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.

Application Notes

Titration of the HBQ1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-28 from the human protein was used as the immunogen for this HBQ1 antibody.

Storage

Aliquot the HBQ1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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