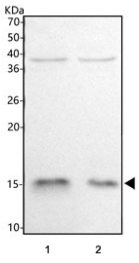
HBQ1 Antibody / Hemoglobin subunit theta 1 (RQ8824)

Catalog No.	Formulation	Size
RQ8824	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P09105
Applications	Western blot: 1-2ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This HBQ1 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with HBQ1 antibody. Predicted molecular weight ~16 kDa.

Description

Hemoglobin subunit theta-1 is a protein that in humans is encoded by the HBQ1 gene. 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.

Application Notes

Optimal dilution of the HBQ1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids M1-R142) was used as the immunogen for the HBQ1 antibody.

Storage

After reconstitution, the HBQ1 Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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