

## ARG67113 anti-HBQ1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HBQ1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HBQ1
Species	Human
Immunogen	Human HBQ1 Synthesized peptide
Conjugation	Un-conjugated
Alternate Names	HBQ1; Hemoglobin Subunit Theta 1; HBQ; Hemoglobin Subunit Theta-1; Hemoglobin Theta-1 Chain; Hemoglobin, Theta 1; Theta-1-Globin

### Application Instructions

Application table	Application	Dilution
	WB	1:500-2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

### Bioinformation

Gene Symbol	HBQ1
Gene Full Name	Hemoglobin Subunit Theta 1

## 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.

## Calculated Mw

16 kDa

## Images

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### ARG67113 anti-HBQ1 antibody WB image

Western blot: DU145 stained with ARG67113 anti-HBQ1 antibody at 1:1000 dilution.

