

For Research Use Only

HBQ1 Recombinant antibody

Catalog Number:83576-4-RR



Basic Information

Catalog Number: 83576-4-RR	GenBank Accession Number: BC056686	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3049	CloneNo.: 240527D6
Source: Rabbit	UNIPROT ID: P09105	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: hemoglobin, theta 1	
Immunogen Catalog Number: AG10105	Calculated MW: 142 aa, 16 kDa	
	Observed MW: 10~16 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells,
Species Specificity: human	

Background Information

HBQ1 (Hemoglobin subunit theta-1) is a member of the human alpha-globin gene cluster. HBQ1 mRNA is found in human fetal erythroid tissue but not in adult erythroid or other nonerythroid tissue (PMID: 3657976). HBQ1 gene was transcribed in an erythroleukemia cell line. HBQ1 has transcriptionally active and may be expressed in early erythroid tissue (PMID: 3422341).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

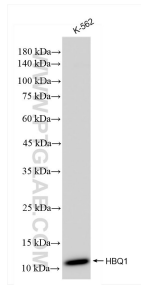
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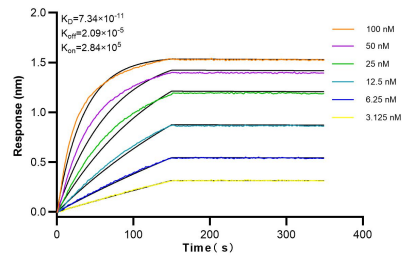
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Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 83576-4-RR (HBQ1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83576-4-RR against Human HBQ1 were performed. The affinity constant is 73.4 pM.