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Datasheet for ABIN728938  
**anti-HBA1 antibody (AA 56-141)**

### Overview

Quantity:	100 µL
Target:	HBA1
Binding Specificity:	AA 56-141
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HBA1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Rat,Monkey
Purification:	Purified by Protein A.

### Target Details

Target:	HBA1
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## Target Details

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Alternative Name: HBA ([HBA1 Products](#))

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Background: Synonyms: Alpha globin, Alpha-globin, Beta globin, HBA1, HBA2, HBA\_HUMAN, HBH, ECTY7, HBA-T3, METHBA, Hemoglobin alpha 1, Hemoglobin alpha chain, Hemoglobin alpha locus, Hemoglobin subunit alpha,  
Background: Hemoglobin is involved in oxygen transport from the lung to the various peripheral tissues. The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult Hemoglobin. The normal adult Hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta zero thalassemia. Reduced amounts of detectable beta globin causes beta plus thalassemia. Involved in oxygen transport from the lung to the various peripheral tissues.

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Gene ID: 3039

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UniProt: [P69905](#)

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: 4 °C, -20 °C

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## Handling

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months