Datasheet for ABIN6262153

anti-Hemoglobin Alpha 1 + 2 (HBA1,HBA2) (Internal Region) antibody

2 Images

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Overview

Quantity:	100 µL
Target:	Hemoglobin Alpha 1 + 2 (HBA1,HBA2)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human Hemoglobin subunit alpha, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	Hemoglobin subunit alpha Antibody detects endogenous levels of total Hemoglobin subunit alpha.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Hemoglobin Alpha 1 + 2 (HBA1,HBA2)

Target Details

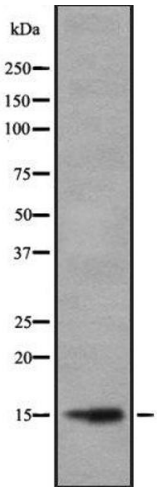
Alternative Name:	HBA1, HBA2 (HBA1,HBA2 Products)
Background:	Description: Involved in oxygen transport from the lung to the various peripheral tissues. Gene: HBA1, HBA2
Molecular Weight:	15 kDa
Gene ID:	3039, 3040
UniProt:	P69905

Application Details

Application Notes:	WB 1:1000-3000, IF/ICC 1:200-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

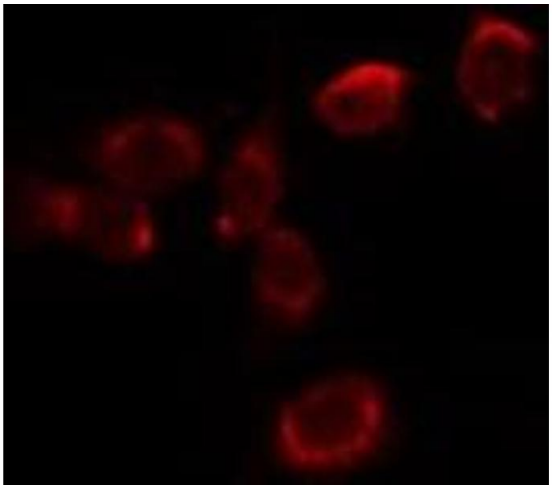
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of HBA2 using Jurkat whole lysates.



Immunofluorescence (fixed cells)

Image 2. ABIN6278025 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod