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Datasheet for ABIN7437242
anti-Hemoglobin antibody

2 Images

Overview

Quantity:	100 µL
Target:	Hemoglobin
Reactivity:	Rabbit
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This Hemoglobin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Hemoglobin (HB)
Immunogen:	Native Hemoglobin (HB)
Isotype:	IgG
Specificity:	The antibody is a cavia polyclonal antibody raised against HB. It has been selected for its ability to recognize HB in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Hemoglobin
Abstract:	Hemoglobin Products

Target Details

Background: Hgb, Haemoglobin, Heterotetramer($\alpha\beta$)₂

Application Details

Application Notes: Western blotting: 0.5-2 $\mu\text{g}/\text{mL}$ Immunocytochemistry in formalin fixed cells: 5-20 $\mu\text{g}/\text{mL}$
Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu\text{g}/\text{mL}$ Immunohistochemistry in paraffin section: 5-20 $\mu\text{g}/\text{mL}$ Enzyme-linked Immunosorbent Assay: 0.05-2 $\mu\text{g}/\text{mL}$ Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 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: 4 °C, -20 °C

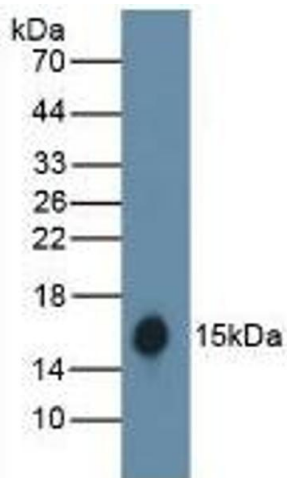
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Western Blotting

Image 1. Detection of HB in Rabbit Serum using Polyclonal Antibody to Hemoglobin (HB)



Western Blotting

Image 2. Detection of recombinant HB using Polyclonal Antibody to Hemoglobin (HB)