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Datasheet for ABIN7464625

**anti-Hemoglobin, epsilon 1 (HBe1) (N-Term) antibody**

## Overview

Quantity:	100 µL
Target:	Hemoglobin, epsilon 1 (HBe1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Hemoglobin epsilon. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	Hemoglobin, epsilon 1 (HBe1)
Alternative Name:	hemoglobin subunit epsilon 1 ( <a href="#">HBe1 Products</a> )
Target Type:	Viral Protein

## Target Details

**Background:** Hemoglobin subunit epsilon 1 , HBE, The epsilon globin gene (HBE) is normally expressed in the embryonic yolk sac: two epsilon chains together with two zeta chains (an alpha-like globin) constitute the embryonic hemoglobin Hb Gower I, two epsilon chains together with two alpha chains form the embryonic Hb Gower II. Both of these embryonic hemoglobins are normally supplanted by fetal, and later, adult hemoglobin. The five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon - G-gamma - A-gamma - delta - beta-3' [provided by RefSeq, Jul 2008]

**Molecular Weight:** 16 kDa

**Gene ID:** 3046

**UniProt:** [P02100](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

**Comment:** Positive Control: human plasma , mouse leukocyte treated with CFA , rat spleen  
Validation: Orthogonal

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.41 mg/mL

**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.