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Datasheet for ABIN1405222

**anti-HBZ antibody (AA 41-140) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	HBZ
Binding Specificity:	AA 41-140
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBZ antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Hemoglobin zeta
Isotype:	IgG
Specificity:	Will cross-react with Hemoglobin subunit alpha (HBA)
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	HBZ
Alternative Name:	HBZ ( <a href="#">HBZ Products</a> )
Background:	Synonyms: HBAZ, HBAZ_HUMAN, HBZ 2, HBZ, HBZ2, Hemoglobin subunit zeta, Hemoglobin

## Target Details

zeta, Hemoglobin zeta chain, Zeta globin, Zeta-globin.

Background: Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 -alpha-1 - theta1 - 3'. [provided by RefSeq, Nov 2009].

Gene ID: 3050

UniProt: [P02008](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months