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Datasheet for ABIN5004290

anti-HBZ antibody (AA 41-140) (Alexa Fluor 750)

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 750 |
| 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 (HBZ Products) |
| 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