Datasheet for ABIN1714242

# anti-ZBTB48 antibody (AA 451-550)

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## Overview

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| Quantity: | 100 µL |
| Target: | ZBTB48 |
| Binding Specificity: | AA 451-550 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ZBTB48 antibody is un-conjugated |
| Application: | ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human ZBTB48/ZNF855 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | ZBTB48 |
| Alternative Name: | ZBTB48/ZNF855 (ZBTB48 Products) |

## Target Details

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| Background: | Synonyms: 0610011D15Rik, AI327031, GLI Kruppel family member HKR3, HKR3, Krueppel related zinc finger protein 3, Krueppel-related zinc finger protein 3, OTTMUSP00000031803, pp9964, Protein HKR3, RP23-445E20.3, ZBT48_HUMAN, ZBTB 48, Zbtb48, Zinc finger and BTB domain containing 48, Zinc finger and BTB domain containing protein 48, Zinc finger and BTB domain-containing protein 48, Zinc finger protein 855, ZNF855.<br>Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kr_ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger and BTB domain-containing protein 48 (ZBTB48), also known as Kruppel-related zinc finger protein 3 or HKR3, is a 688 amino acid member of the Kr_ppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZBTB48 is expressed in the adrenal gland and neuroblastoma cell lines. ZBTB48 contains a BTB domain, also known as a POZ domain, which inhibits DNA binding and mediates homotypic and heterotypic dimerization. Characteristics of the BTB domain suggest that ZBTB48 functions as a transcription regulator. |
| Gene ID: | 3104 |

## Application Details

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| Application Notes: | ELISA 1:500-1000<br>IHC-P 1:200-400<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200<br>ICC 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

## Handling

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| | handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |