

Datasheet for ABIN1708133  
**anti-ZBTB48 antibody (AA 451-550) (Cy7)**



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## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | ZBTB48                                                                                                  |
| Binding Specificity: | AA 451-550                                                                                              |
| Reactivity:          | Human                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This ZBTB48 antibody is conjugated to Cy7                                                               |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| 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

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Target:           | ZBTB48                                                                            |
| Alternative Name: | ZBTB48/ZNF855 ( <a href="#">ZBTB48 Products</a> )                                 |
| Background:       | Synonyms: 0610011D15Rik, AI327031, GLI Kruppel family member HKR3, HKR3, Krueppel |

## Target Details

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.

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

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

Handling

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Expiry Date: 12 months