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Datasheet for ABIN1700740

**anti-ZBTB48 antibody (AA 451-550) (Biotin)**

## Overview

Quantity:	100 µL
Target:	ZBTB48
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB48 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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\_ppeI-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\_ppeI 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: IHC-P 1:200-400  
IHC-F 1:100-500

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 for 12 months.

Expiry Date: 12 months