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Datasheet for ABIN1698927

anti-ZBTB48 antibody (AA 451-550) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	ZBTB48
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB48 antibody is conjugated to Alexa Fluor 647
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 (ZBTB48 Products)
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

Expiry Date: 12 months