



## Rabbit Anti-ZBTB48 antibody

SL13580R

<b>Product Name:</b>	ZBTB48
<b>Chinese Name:</b>	Zinc finger protein855抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	77kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ZBTB48/ZNF855:451-550/688
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 Krüppel-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 Krüppel 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.

**Function:**

Binds to and regulates the J and/or S elements in MHC II promoter.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Detected in adrenal gland and neuroblastoma.

**Similarity:**

Belongs to the krueppel C2H2-type zinc-finger protein family.

Contains 1 BTB (POZ) domain.

Contains 11 C2H2-type zinc fingers.

**SWISS:**

P10074

**Gene ID:**

3104

**Database links:**

[Entrez Gene: 3104](#)Human

[Entrez Gene: 100090](#)Mouse

[Oimim: 165270](#)Human

[SwissProt: P10074](#)Human

[SwissProt: Q1H9T6](#)Mouse

[Unigene: 502330](#)Human

[Unigene: 24661](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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