



Datasheet for ABIN2777508
anti-ZBTB48 antibody (N-Term)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	ZBTB48
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBTB48 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ZBTB48
Sequence:	MDGSFVQHSV RVLQELNKQR EKGQYCDATL DVGGLVFKAH WSVLACCSHF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ZBTB48. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ZBTB48
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Target Details

Alternative Name:	ZBTB48 (ZBTB48 Products)
Background:	<p>ZBTB48 contains 1 BTB (POZ) domain and 11 C2H2-type zinc fingers. It belongs to the krueppel C2H2-type zinc-finger protein family and binds to and regulates the J and/or S elements in MHC II promoter.</p> <p>Alias Symbols: HKR3, pp9964, ZNF855</p> <p>Protein Interaction Partner: ZBTB8A, KRTAP10-5, GPATCH2L, NME7, ZBTB48, ZBTB7A, EP300, UPF2, CDK2AP2, TNFRSF14, RGS2, ILK, CDKN1A, PNRC2, NUDT21, C11orf58, C7orf34, ZBTB8B, DVL3,</p> <p>Protein Size: 688</p>
Molecular Weight:	77 kDa
Gene ID:	3104
NCBI Accession:	NM_005341 , NP_005332
UniProt:	P10074

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 688 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Mitkus, Hyde, Vakkalanka, Kolachana, Weinberger, Kleinman, Lipska: "Expression of oligodendrocyte-associated genes in dorsolateral prefrontal cortex of patients with schizophrenia." in: **Schizophrenia research**, Vol. 98, Issue 1-3, pp. 129-38, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ZBTB48 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T

ZBTB48



Western Blotting

Image 2. Host: Rabbit Target Name: ZBTB48 Sample Type: 293T Antibody Dilution: 1.0ug/ml ZBTB48 is supported by BioGPS gene expression data to be expressed in HEK293T