

Datasheet for ABIN2778587
anti-ZSCAN2 antibody (Middle Region)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	ZSCAN2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Rat, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZSCAN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ZSCAN2
Sequence:	GKGFWSNSVL IIHQRIHTGE KPYKCPECGK GFSNSSNFIT HQRTHMKEKL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ZSCAN2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ZSCAN2
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Target Details

Alternative Name: ZSCAN2 ([ZSCAN2 Products](#))

Background: ZSCAN2 contains several copies of zinc finger motif, which is commonly found in transcriptional regulatory proteins. Studies in mice show that ZSCAN2 is expressed during embryonic development, and specifically in the testis in adult mice, suggesting that it may play a role in regulating genes in germ cells. The protein encoded by this gene contains several copies of zinc finger motif, which is commonly found in transcriptional regulatory proteins. Studies in mice show that this gene is expressed during embryonic development, and specifically in the testis in adult mice, suggesting that it may play a role in regulating genes in germ cells. Alternative splicing of this gene results in several transcript variants encoding different isoforms. The protein encoded by this gene contains several copies of zinc finger motif, which is commonly found in transcriptional regulatory proteins. Studies in mice show that this gene is expressed during embryonic development, and specifically in the testis in adult mice, suggesting that it may play a role in regulating genes in germ cells. Alternative splicing of this gene results in several transcript variants encoding different isoforms.

Alias Symbols: FLJ20595, ZFP29, ZNF854

Protein Interaction Partner: HDAC8, UBC,

Protein Size: 614

Molecular Weight: 67 kDa

Gene ID: 54993

NCBI Accession: [NM_181877](#), [NP_870992](#)

UniProt: [Q7Z7L9](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 614 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.

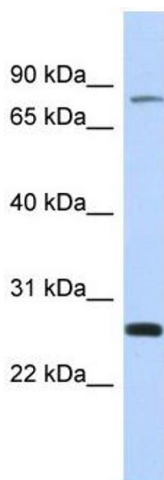
Handling

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: Yomo, Hongo, Kuroyanagi, Kobayashi: "Parkinsonism and midbrain dysfunction after shunt placement for obstructive hydrocephalus." in: **Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia**, Vol. 13, Issue 3, pp. 373-8, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ZSCAN2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human brain