

Datasheet for ABIN2778404
anti-ZNF496 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ZNF496
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat, Cow, Sheep, Dog, Horse, Pig, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF496 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 ZNF496
Sequence:	MPTALCPRVL APKESEEPRK MRSPPGENPS PQGELPSPES SRRLFRRFRY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against ZNF496. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	ZNF496
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Target Details

Alternative Name:	ZNF496 (ZNF496 Products)
Background:	<p>ZNF496 contains a SCAN box, a KRAB-A domain, and four consensus C2H2-type zinc fingers preceded by a unique finger derivative, referred to herein as the C2HR motif. The C2HR motif functions to mediate protein-protein interaction with the cysteine-rich (C5HCH) domain of NSD1 in a Zn(II)-dependent fashion, and when tethered to RNA polymerase II promoters, represses transcription in an NSD1-dependent manner. ZNF496 contains a novel type of zinc finger motif that functions as a docking site for NSD1 and is more than just a degenerate evolutionary remnant of a C2H2 motif.</p> <p>Alias Symbols: NIZP1, ZFP496, ZKSCAN17</p> <p>Protein Interaction Partner: ZKSCAN4, ZSCAN22, ZNF483, ZNF446, ZSCAN12, ZSCAN21, ARR3, Nsd1, SUMO2, UBC, CBX3, TRIM28, NR3C1, POLR3D, ZZZ3, JADE2, RAI1, SSX3, SUPT5H, PPARG,</p> <p>Protein Size: 587</p>
Molecular Weight:	67 kDa
Gene ID:	84838
NCBI Accession:	NM_032752 , NP_116141
UniProt:	Q96IT1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 587 AA
Restrictions:	For Research Use only

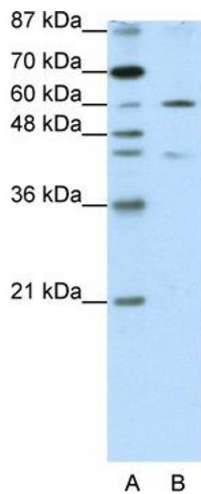
Handling

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

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.

Images



Western Blotting

Image 1. WB Suggested Anti-ZNF496 Antibody Titration:
1.25ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate