Datasheet for ABIN2778449

anti-ZNF384 antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	ZNF384
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF384 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	QQPPPHFQSP GAAPQGGGGG DSNPNPPPQC SFDLTPYKTA EHHKDICLTV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ZNF384. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ZNF384
Alternative Name:	ZNF384 (ZNF384 Products)
Background:	This gene encodes a C2H2-type zinc finger protein, which may function as a transcription

Target Details

	factor. This gene also contains long CAG trinucleotide repeats that encode consecutive glutamine residues. The protein appears to bind and regulate the promoters of the extracellular matrix genes MMP1, MMP3, MMP7 and COL1A1. Studies in mouse suggest that nuclear matrix transcription factors (NP/NMP4) may be part of a general mechanical pathway that couples cell construction and function during extracellular matrix remodeling. Alternative splicing results in multiple transcript variants. Recurrent rearrangements of this gene with the Ewing's sarcoma gene, EWSR1 on chromosome 22, or with the TAF15 gene on chromosome 17, or with the TCF3 (E2A) gene on chromosome 19, have been observed in acute leukemia. A related pseudogene has been identified on chromosome 7. Alias Symbols: CAGH1, CAGH1A, CIZ, ERDA2, FLJ59043, NMP4, NP, TNRC1 Protein Interaction Partner: SOX2, UBC, OPTN, tat, HOXC9, CEBPE, TAF15, ZYX, PCBP1, VIM, Protein Size: 461
Molecular Weight:	50 kDa
Gene ID:	171017
NCBI Accession:	NM_001039920, NP_001035009

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 461 AA
Restrictions:	For Research Use only

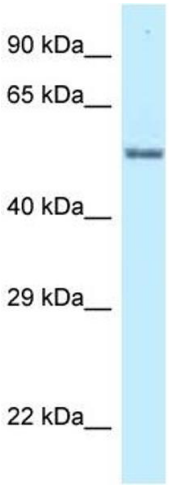
Handling

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

Handling

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-ZNF384 Antibody Titration: 1.0 ug/ml Positive Control: PANC1 Whole Cell ZNF384 is strongly supported by BioGPS gene expression data to be expressed in Human PANC1 cells