Datasheet for ABIN955710

anti-ZNF384 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	ZNF384
Binding Specificity:	AA 538-567, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF384 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 538-567 amino acids from the C-terminal region of human ZNF384
Isotype:	Ig Fraction
Specificity:	This antibody detects ZNF384 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	ZNF384
Alternative Name:	ZNF384 (ZNF384 Products)

Target Details

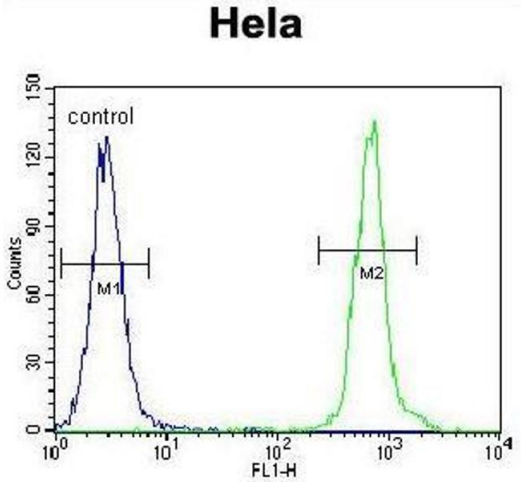
Background:	This gene contains long CAG trinucleotide repeats coding consecutive glutamine residues. The gene product may functions as a transcription factor, with a potential role in the regulation of neurodevelopment or neuroplasticity. The protein appears to bind and regulate the promoters of MMP1, 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. Multiple transcript variants encoding several isoforms have been found for this gene.Synonyms: CAG repeat protein 1, CAGH1, CAS-interacting zinc finger protein, CIZ, NMP4, Nuclear matrix transcription factor 4, TNRC1, Trinucleotide repeat-containing gene 1 protein, Zinc finger protein 384
Gene ID:	171017
NCBI Accession:	NP_001035009

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

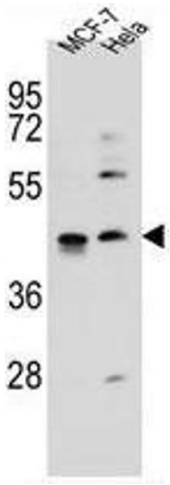
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. ZNF384 Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. ZNF384 Antibody (C-term) western blot analysis in MCF-7, Hela cell line lysates (35 µg/lane). This demonstrates the ZNF384 antibody detected the ZNF384 protein (arrow).