



## NAC1 Antibody

CATALOG NUMBER: 45-930



Western Blot (0.5ug/ml) staining of Human Bone Marrow lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:2000. Western Blot: Approx 55kDa band observed in Human Bone Marrow lysates (calculated MW of 57.3kDa according to NP_443108.1). Recommended concentration: 0.5-1.5ug/ml.
<b>POSITIVE CONTROL:</b>	1) Human Bone Marrow Lysate
<b>IMMUNOGEN:</b>	NAC1 antibody was raised against a 12 amino acid synthetic peptide near the internal region of NAC1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	NAC1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	NAC1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	BTBD14B, BTB (POZ) domain containing 14B, FLJ37383, NAC1, transcriptional repressor NAC1, BTBD14B
<b>ACCESSION NO.:</b>	NP_443108.1
<b>PROTEIN GI NO.:</b>	16418383
<b>OFFICIAL SYMBOL:</b>	BTBD14B
<b>GENE ID:</b>	112939

## Background

**REFERENCES:** 1) Wang J, Rao S, Chu J, Shen X, Levasseur DN, Theunissen TW, Orkin SH. A protein interaction network for pluripotency of embryonic stem cells. Nature. 2006 Nov 16;444(7117):364-8. Epub 2006 Nov 8.

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**FOR RESEARCH USE ONLY**

December 13, 2016