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anti-NAC1 antibody





Overview

Quantity:	100 μL
Target:	NAC1 (NACC1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around aa.519~523(A-G-P-S-A) derived from Human NAC1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	NAC1 (NACC1)
Alternative Name:	NACC1 (NACC1 Products)
Background:	Background:
	Functions as a transcriptional repressor. Seems to function as a transcriptional corepressor in
	neuronal cells through recruitment of HDAC3 and HDAC4. Contributes to tumor progression,

and tumor cell proliferation and survival. This may be mediated at least in part through repressing transcriptional activity of GADD45GIP1. Required for recruiting the proteasome from the nucleus to the cytoplasm and dendritic spines. "A BTB/POZ protein, NAC-1, is related to tumor recurrence and is essential for tumor growth and survival."

Nakayama K., Nakayama N., Davidson B., et al.

Proc. Natl. Acad. Sci. U.S.A. 103:18739-18744(2006) "NAC-1 controls cell growth and survival by repressing transcription of Gadd45GIP1, a candidate tumor suppressor." Nakayama K., Nakayama N., Wang T.-L., Shih I.-M. Cancer Res. 67:8058-8064(2007)

Aliases: BEND8 antibody; BTB Domain Containing 14B antibody; BTB/POZ domain-containing protein 14B antibody; btbd14b antibody; FLJ37383 antibody; NAC-1 antibody; NAC1 antibody;

Nacc1 antibody; NACC1_HUMAN antibody; Nucleus accumbens-associated protein 1 antibody

UniProt:

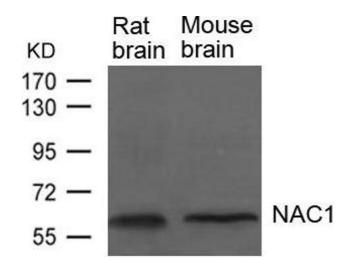
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Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from Rat and Mouse brain tissue using NAC1 Antibody.