

NAC1 Antibody

Catalog No: #AB21652



Package Size: #AB21652-1 50ul #AB21652-2 100ul #AB21652-4 25ul

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Description

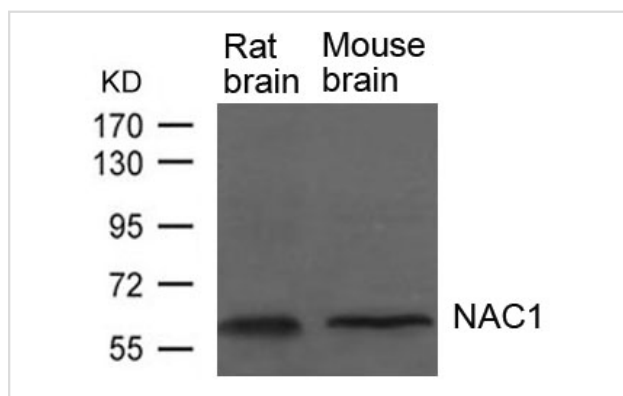
Product Name	NAC1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total NAC1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.519~523(A-G-P-S-A) derived from Human NAC1
Target Name	NAC1
Other Names	BEND8; NACC1; NAC-1; BTBD14B; FLJ37383
Accession No.	Swiss-Prot: Q96RE7NCBI Protein: NP_443108.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 62kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Rat and Mouse brain tissue using NAC1 Antibody #AB21652.

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)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.