

35-1820: Polyclonal Antibody to NAC1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Mouse,Human
Gene :	NACC1
Gene ID :	112939
Uniprot ID :	Q96RE7
Format :	Purified
Alternative Name :	BEND8, NACC1, NAC-1, BTBD14B, FLJ37383
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.519~523(A-G-P-S-A) derived from Human NAC1

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 62kd, Western blotting: 1:500~1:1000

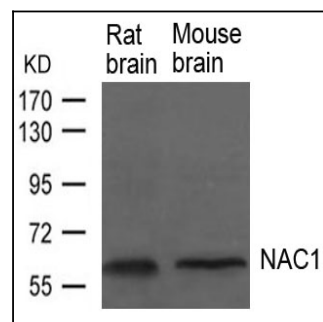


Figure 1: Western blot analysis of extracts from Rat and Mouse brain tissue using NAC1 Antibody 35-1820 .