

NACC1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21031a**Specification****NACC1 Blocking Peptide (Center) - Product Information**Primary Accession [Q96RE7](#)**NACC1 Blocking Peptide (Center) - Additional Information****Gene ID** 112939**Other Names**Nucleus accumbens-associated protein 1,
NAC-1, BTB/POZ domain-containing protein
14B, NACC1, BTBD14B, NAC1**Target/Specificity**The synthetic peptide sequence is selected
from aa 324-338 of HUMAN NACC1**Format**Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.**Precautions**This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.**NACC1 Blocking Peptide (Center) - Protein Information****Name** NACC1**Synonyms** BTBD14B, NAC1**Function**Functions as a transcriptional repressor.
Seems to function as a transcriptional
corepressor in neuronal cells through**NACC1 Blocking Peptide (Center) - 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.

NACC1 Blocking Peptide (Center) - References

Cha X.Y.,et al.Submitted (JUN-2001) to the
EMBL/GenBank/DDBJ databases.
Nakayama K.,et al.Proc. Natl. Acad. Sci. U.S.A.
103:18739-18744(2006).
Nakayama K.,et al.Cancer Res.
67:8058-8064(2007).
Davidson B.,et al.Hum. Pathol.
38:1030-1036(2007).
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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.

Cellular Location

Nucleus. Cytoplasm. Note=Distribution in the cytoplasm is dependent on phosphorylation.

Tissue Location

Overexpressed in several types of carcinomas including ovarian serous carcinomas. Expression levels positively correlate with tumor recurrence in ovarian serous carcinomas, and intense immunoreactivity in primary ovarian tumors predicts early recurrence. Up-regulated in ovarian carcinomas after chemotherapy, suggesting a role in development of chemotherapy resistance in ovarian cancer.

NACC1 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)