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NACC2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16720b

Specification

NACC2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q96BF6

NACC2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 138151

Other Names
Nucleus accumbens-associated protein 2, NAC-2, BTB/POZ domain-containing protein 14A, Repressor with BTB domain and BEN domain, NACC2, BTBD14A, NAC2, RBB

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.

NACC2 Antibody (C-term) Blocking Peptide - Protein Information

Name NACC2

Synonyms BTBD14A, NAC2, RBB

Function
Functions as a transcriptional repressor through its association with the NuRD complex. Recruits the NuRD complex to the promoter of MDM2, leading to the repression of MDM2 transcription and subsequent stability of p53/TP53.

Cellular Location
Nucleus. Note=Predominantly associated with chromatin

NACC2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

NACC2 Antibody (C-term) Blocking Peptide - Images

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NACC2 Antibody (C-term) Blocking Peptide - Background

BTBD14A (BTB/POZ domain-containing protein 14A), also known as BTBD14, is a 587 amino acid protein that contains one BTB/POZ domain. The BTB/POZ domain mediates homomeric and heteromeric POZ-POZ interactions and is common to transcriptional regulators involved in chromatin modeling. In several BTB/POZ containing proteins, including BCL-6 and the promyelocytic leukemia zinc-finger (PLZF) oncoprotein, this domain interacts with the SMRT/N-CoR-mSin3A HDAC complex and is directly involved in repressing and silencing gene transcription. When this domain is deleted, as with the oncogenic PLZF-RAR chimera of promyelocytic leukemias, this transcriptional repression is attenuated. This suggests that BTBD14A may play a role in transcription regulation.

NACC2 Antibody (C-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Humphray, S.J., et al. Nature 429(6990):369-374(2004)