

**NACC2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16720b****Specification**

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**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**

**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)