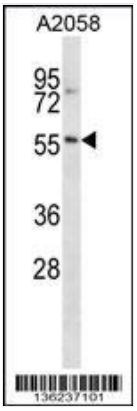
NACC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NACC2, Polyclonal Antibody
Full Product Name	NACC2, CT (NACC2, BTBD14A, NAC2, Nucleus accumbens-associated protein 2, BTB/POZ domain-containing protein 14A) (Azide free) (HRP)
Product Gene Name	anti-NACC2 antibody
Product Synonym Names	NACC2; BTBD14A; NAC2; Nucleus accumbens-associated protein 2; BTB/POZ domain-containing protein 14A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	62,837 Da
OMIM	615786
3D Structure	ModBase 3D Structure for Q96BF6
Immunogen	NACC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 472-502 amino acids from the C-terminal region of human NACC2.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-NACC2 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-NACC2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-NACC2 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-NACC2 antibody	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.
Product References and Citations for anti-NACC2 antibody	Rose, J. Phd, et al. Mol. Med. (2010). In press: Humphray, S.J., et al. Nature 429(6990):369-374(2004).

Other Notes	Small volumes of anti-NACC2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NACC2 purchase	MBS6323653 is an antibody targeting NACC2. Also known as NACC2, CT (NACC2, BTBD14A, NAC2, Nucleus accumbens-associated protein 2, BTB/POZ domain-containing protein 14A) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NACC2 antibody
NACC2 Antibody (C-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the NACC2 antibody detected the NACC2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NACC2. It may not necessarily be applicable to this product.

NCBI GI #	21389533
NCBI GeneID	138151
NCBI Accession #	NP_653254.1
UniProt Primary Accession #	Q96BF6
UniProt Related Accession #	Q96BF6
GenBank Nucleotide #	NM_144653.4
NCBI Official Full Name	nucleus accumbens-associated protein 2
NCBI Official Synonym Full Names	NACC family member 2, BEN and BTB (POZ) domain containing
NCBI Official Symbol	NACC2
NCBI Official Synonym Symbols	RBB; BEND9; NAC-2; BTBD14; BTBD31; BTBD14A
UniProt Protein Name	Nucleus accumbens-associated protein 2
UniProt Synonym Protein Names	BTB/POZ domain-containing protein 14A; Repressor with BTB domain and BEN domain
Protein Family	Nucleus accumbens-associated protein
UniProt Gene Name	NACC2
UniProt Synonym Gene Names	BTBD14A; NAC2; RBB; NAC-2
UniProt Entry Name	NACC2_HUMAN
NCBI Protein Information	nucleus accumbens-associated protein 2; BEN domain containing 9; BTB (POZ) domain containing 14A; BTB/POZ domain-containing protein 14A; transcription repressor with a BTB domain and a BEN domain

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