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NACC1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21031a

Specification

NACC1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q96RE7
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**57258**

NACC1 Antibody (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
This NACC1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 324-358 amino acids from the Central region of human NACC1.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NACC1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NACC1 Antibody (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 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.

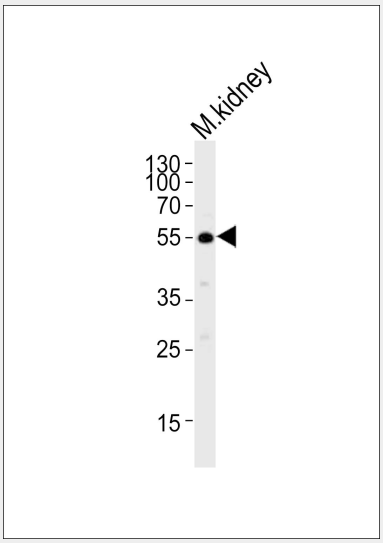
Tissue Location
Overexpressed in several types of carcinomas including ovarian serous carcinomas. Expression levels positively correlate with tumor recurrence in ovarian serous carcinomas, and intense immunoreactivity in primary ovarian tumors predicts early recurrence. Up-regulated in ovarian carcinomas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

NACC1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NACC1 Antibody (Center) - Images



Western blot analysis of lysate from mouse kidney tissue, using NACC1 Antibody (Center)(Cat. #AP21031a). AP21031a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

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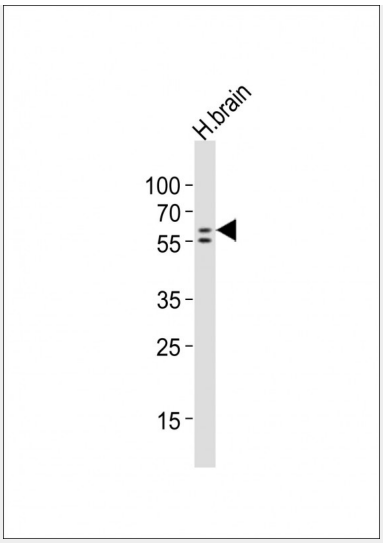

Anti-NACC1 Antibody (Center)at 1:1000 dilution + human brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

NACC1 Antibody (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 Antibody (Center) - References

Cha X.Y.,et al.Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.
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Nakayama K.,et al.Cancer Res. 67:8058-8064(2007).
Davidson B.,et al.Hum. Pathol. 38:1030-1036(2007).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).