

**Goat Anti-NAC1 / BTBD14B Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF1706a

## Specification

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### Goat Anti-NAC1 / BTBD14B Antibody - Product Information

Application	WB
Primary Accession	<a href="#">O96RE7</a>
Other Accession	<a href="#">NP_443108</a> , <a href="#">112939</a>
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	57258

### Goat Anti-NAC1 / BTBD14B Antibody - Additional Information

**Gene ID** 112939

#### Other Names

Nucleus accumbens-associated protein 1, NAC-1, BTB/POZ domain-containing protein 14B, NACC1, BTBD14B, NAC1

#### Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Goat Anti-NAC1 / BTBD14B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Goat Anti-NAC1 / BTBD14B Antibody - 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.

### Goat Anti-NAC1 / BTBD14B Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Goat Anti-NAC1 / BTBD14B Antibody - Images



EB07708 (0.5µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.