

Anti-NACC1 Antibody (6F944)

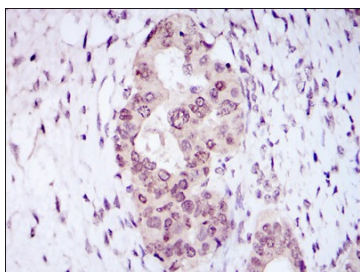
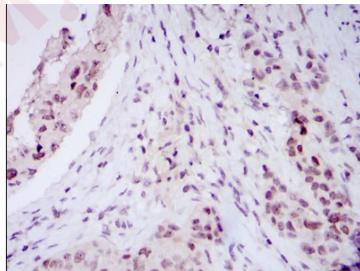
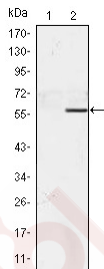
Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 58 kDa.
Clone:	6F944
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of NACC1 on HEK293 (1) and NACC1-hlgGfc transfected HEK293 (2) cell lysate using anti-NACC1 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human mammary cancer tissue using anti-NACC1 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissue using anti-NACC1 antibody. Counter stained with hematoxylin.



Application:	IHC, WB
Recommended	WB: 1:500-1000; IHC: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q96RE7

Synonyms: Nacc 1;Nucleus accumbens-associated protein 1;NACC1_HUMAN;BEND8;BTB/POZ domain-containing protein 14B;BTB Domain Containing 14B;NAC-1;NAC1;FLJ37383;btbd14b

Research Background

The BTB (broad-complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. BTBD14B (BTB/POZ domain-containing protein 14B), also known as NACC1 (nucleus accumbens associated 1), BEND8 or NAC1, is a 527 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one BTB (POZ) domain. Existing as a homooligomer that interacts with HDAC3 and HDAC4, BTBD14B functions as a transcriptional repressor that influences the transcriptional activity of CRIF1 and is required for proteasome recruitment to the nucleus and cytoplasm in dendritic spines. BTBD14B is overexpressed in multiple carcinomas, suggesting a role in tumor development and metastasis.

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