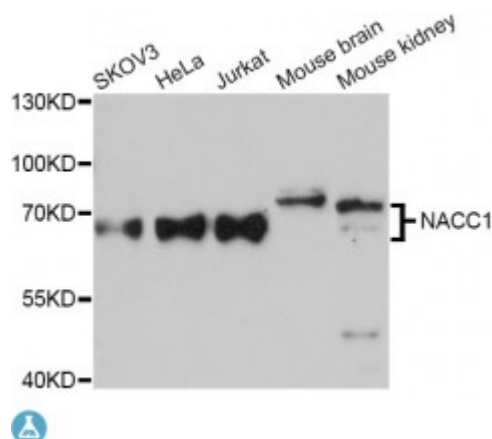


Anti-NACC1 Antibody



Description

This gene encodes a member of the BTB/POZ protein family. BTB/POZ proteins are involved in several cellular processes including proliferation, apoptosis and transcription regulation. The encoded protein is a transcriptional repressor that plays a role in stem cell self-renewal and pluripotency maintenance. The encoded protein also suppresses transcription of the candidate tumor suppressor Gadd45/GIP1, and expression of this gene may play a role in the progression of multiple types of cancer. A pseudogene of this gene is located on the short arm of chromosome 9.

Model STJ113847

Host Rabbit

Reactivity Human, Mouse

Applications WB

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 170-340 of human NACC1 (NP_443108.1).

Gene ID [112939](#)

Gene Symbol [NACC1](#)

Dilution range WB 1:500 - 1:2000

Tissue Specificity 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

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Nucleus accumbens-associated protein 1 NAC-1 BTB/POZ domain-containing protein 14B
Molecular Weight	57.258 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:20967OMIM:610672
Alternative Names	Nucleus accumbens-associated protein 1 NAC-1 BTB/POZ domain-containing protein 14B
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 Localization	Nucleus, Cytoplasm,