

## NACAD polyclonal antibody

Catalog: BS5814

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

NACAD (NAC alpha domain containing) is a 1,562 amino acid protein that prevents non-secretory polypeptides from targeting the endoplasmic reticulum. Localizing to both the cytoplasm and nucleus, NACAD belongs to the NAC-alpha family and contains one NAC-A/B (NAC-alpha/beta) domain. The gene encoding NACAD maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 161 kDa

### Swiss-Prot:

O15069

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

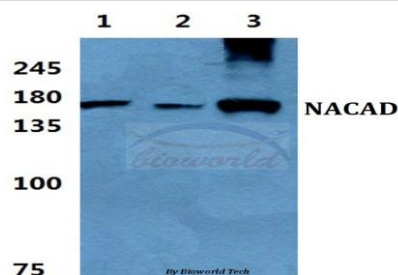
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

NACAD polyclonal antibody detects endogenous levels of NACAD protein.

### DATA:



Western blot (WB) analysis of NACAD polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:sp2/0 cell lysate

Lane3:H9C2 cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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