

ADNP polyclonal antibody

Catalog: BCP00158

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Activity-dependent neuroprotector (ADNP), also designated activity-dependent neuroprotective protein, is a nuclear protein that functions as a putative transcription factor and may participate in normal growth and cancer proliferation. ADNP is a highly conserved vasoactive intestinal peptide (VIP) responsive gene that is expressed profusely in the brain (primarily cerebellum and cortex regions) and is crucial for brain formation and embryonic development. ADNP is also highly expressed in kidney, placenta, heart, skeletal muscle, breast, and colon cancer tissues. Studies indicate that neuroprotection by subpicomolar PACAP38 might be mediated partially by expression of ADNP. A correlation between brain injuries and elevated ADNP levels indicates a potential involvement of ADNP in an endogenous compensatory mechanism.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 123 kDa

Swiss-Prot:

Q9H2P0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

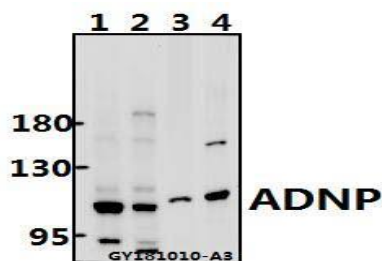
Storage&Stability:

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

Specificity:

ADNP polyclonal antibody detects endogenous levels of ADNP protein.

DATA:



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

Lane1:HEK293T whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:The Kidney tissue lysate of Rat(40ug)

Lane4:The Embryo tissue lysate of Mouse(40ug)

Note:

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