

Anti-ADNP Antibody
Catalog # ABV11957**Specification**

Anti-ADNP Antibody - Product Information

Application	WB, IHC
Primary Accession	Q9H2P0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	123563

Anti-ADNP Antibody - Additional Information**Gene ID** 23394

Positive Control	WB: LOVO, HCT116, mouse liver, rat liver lysate; IHC: human brain tissue
Application & Usage	WB; 1:500 - 1:2000, IH; 1:50 - 1:200

Other Names

ADNP1, KIAA0784, Activity-dependent neuroprotector homeobox protein, Activity-dependent neuroprotective protein

Target/Specificity

ADNP

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-ADNP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ADNP Antibody - Protein Information**Name** ADNP

Synonyms ADNP1, KIAA0784

Function

May be involved in transcriptional regulation. May mediate some of the neuroprotective peptide VIP-associated effects involving normal growth and cancer proliferation. Positively modulates WNT-beta- catenin/CTNN1B signaling, acting by regulating phosphorylation of, and thereby stabilizing, CTNNB1. May be required for neural induction and neuronal differentiation. May be involved in erythroid differentiation (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}. Chromosome {ECO:0000250|UniProtKB:Q9Z103}

Tissue Location

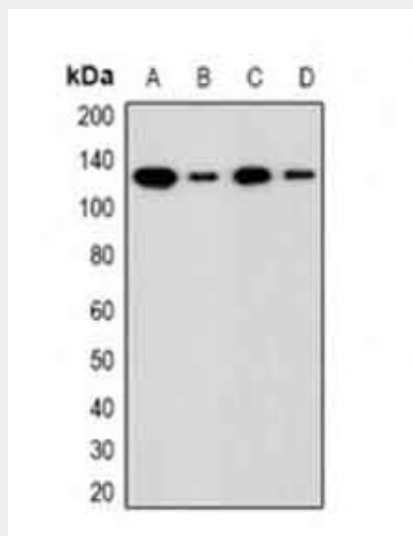
Widely expressed. Strong expression in heart, skeletal muscle, kidney and placenta. In brain, expression is stronger in the cerebellum and cortex regions. No expression detected in the colon. Strong increase of expression in colon and breast cancer tissues

Anti-ADNP Antibody - Protocols

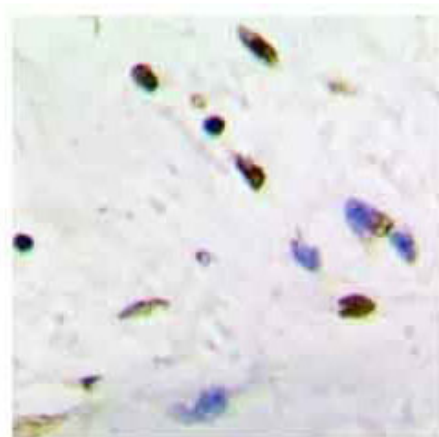
Provided below are standard protocols that you may find useful for product applications.

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

Anti-ADNP Antibody - Images



WB analysis of ADNP expression in LOVO (A); HCT11G (B); mouse liver (C); rat liver (D) whole cell lysates



Immunohistochemical analysis of ADNP staining in human brain formalin fixed paraffin embedded tissue section.