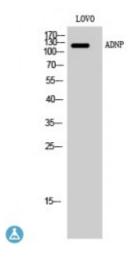


## **Anti-ADNP** antibody



**Description** ADNP is a protein encoded by the ADNP gene which is approximately

123,5 kDa. It is a protein that is upregulated by vasoactive intestinal peptide and may be involved in its stimulatory effect on certain tumor cells. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. It may also increase the viability of certain cell types through modulation of p53 activity. ADNP is widely expressed with strong expression in heart, skeletal muscle, kidney and placenta. Mutations in the ADNP gene may result in Helsmoortel-van der Aa syndrome. STJ91502 was affinity-purified from rabbit antiserum by affinity-chromatography using epitopespecific immunogen. This polyclonal antibody detects endogenous levels of ADNP protein.

Model STJ91502

**Host** Rabbit

**Reactivity** Human, Mouse

**Applications** ELISA, IHC, WB

Immunogen Synthesized peptide derived from human ADNP

**Immunogen Region** 80-160 aa, N-terminal

**Gene ID** 23394

Gene Symbol ADNP

**Dilution range** WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000

**Specificity** ADNP Polyclonal Antibody detects endogenous levels of ADNP protein.

**Tissue Specificity** 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.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

**Protein Name** Activity-dependent neuroprotector homeobox protein Activity-dependent

neuroprotective protein

Molecular Weight 124 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:15766OMIM:611386</u>

Alternative Names Activity-dependent neuroprotector homeobox protein Activity-dependent

neuroprotective protein

**Function** Potential transcription factor. May mediate some of the neuroprotective

peptide VIP-associated effects involving normal growth and cancer

proliferation.

Cellular Localization Nucleus

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