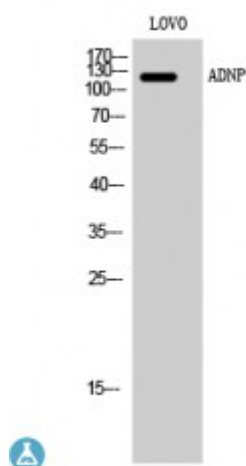


Anti-ADNP antibody



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 epitope-specific 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	HGNC:15766OMIM:611386
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