

**ADNP rabbit pAb****Cat#: orb768213 (Manual)**

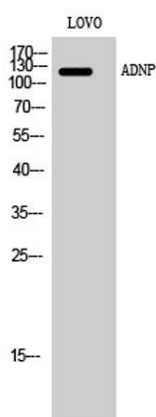
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	ADNP rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ADNP. AA range:111-160
<b>Specificity</b>	ADNP Polyclonal Antibody detects endogenous levels of ADNP protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Activity-dependent neuroprotector homeobox protein
<b>Gene Name</b>	ADNP
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

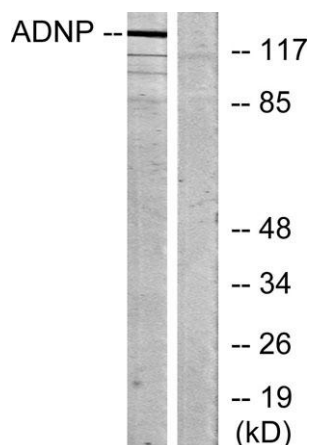
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	124kD
<b>Human Gene ID</b>	23394
<b>Human Swiss-Prot Number</b>	Q9H2P0
<b>Alternative Names</b>	ADNP; ADNP1; KIAA0784; Activity-dependent neuroprotector homeobox protein; Activity-dependent neuroprotective protein

## Background

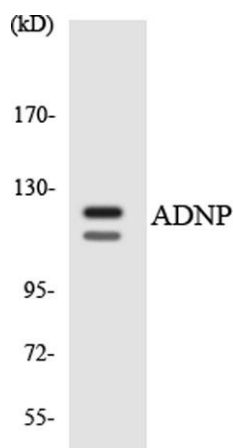
Vasoactive intestinal peptide is a neuroprotective factor that has a stimulatory effect on the growth of some tumor cells and an inhibitory effect on others. This gene encodes a protein that is upregulated by vasoactive intestinal peptide and may be involved in its stimulatory effect on certain tumor cells. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. This gene is also upregulated in normal proliferative tissues. Finally, the encoded protein may increase the viability of certain cell types through modulation of p53 activity. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008],



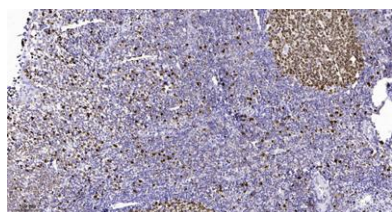
**Western Blot analysis of LOVO cells using ADNP Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).**



**Western blot analysis of lysates from LOVO cells, using ADNP Antibody. The lane on the right is blocked with the synthesized peptide.**



**Western blot analysis of the lysates from K562 cells using ADNP antibody.**



**Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).**