

## ADNP Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00276
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ADNP. AA range:111-160
<b>Mol wt</b>	123563
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ADNP Antibody
<b>Synonyms</b>	ADNP; ADNP1; KIAA0784; Activity-dependent neuroprotector homeobox protein; Activity-dependent neuroprotective protein

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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. ADNP encodes activity dependent neuroprotector homeobox 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.

### Recommended Dilution

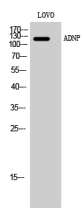
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

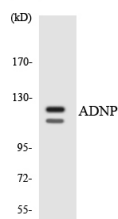
ELISA: 1: 5000

Not yet tested in other applications.

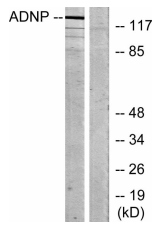
### Images



Western Blot analysis of LOVO cells using ADNP Polyclonal Antibody cells nucleus.



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



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

### Storage

-20°C for one year

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