



Anti-ADNP (aa 1018-1102) polyclonal antibody (DPAB-DC1093)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Immunogen | ADNP (NP_056154, 1018 a.a. ~ 1102 a.a) partial recombinant protein with GST tag. The sequence is TMQGDREQLKWKNSSYGKVEGFWSKDQSQWKNASENDERLSNPQIEWQNSTIDSEGEQF DNMTDGVAEPMHGSLAGVKLSSQQA |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | ADNP activity-dependent neuroprotector homeobox [Homo sapiens (human)] |
| Official Symbol | ADNP |
| Synonyms | ADNP; activity-dependent neuroprotector homeobox; ADNP1; activity-dependent neuroprotector homeobox protein; ADNP homeobox 1; activity-dependent neuroprotective protein; |
| Entrez Gene ID | 23394 |
| Protein Refseq | NP_001269460 |
| UniProt ID | Q9H2P0 |
| Chromosome Location | 20q13.13 |
| Function | chromatin binding; metal ion binding; protein binding; sequence-specific DNA binding |