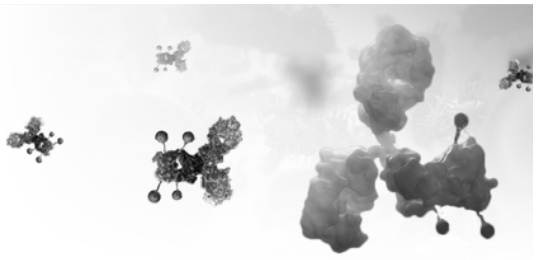

Mouse anti-Human ADNP monoclonal antibody, clone 3D6 (CABT-B9731)

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

PRODUCT INFORMATION

Immunogen	ADNP (NP_056154, 1018 a.a. ~ 1103 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3D6
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	TMQGDREQLKWKNSSYGKVEGFWSKDQSQWKNASENDERLSNPQIEWQNSTIDSEDGEQF DNMTDGVAEPMHGSLAGVKLSSQQA*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	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]
Keywords	ADNP; activity-dependent neuroprotector homeobox; ADNP1; MRD28; activity-dependent neuroprotector homeobox protein; ADNP homeobox 1; activity-dependent neuroprotective protein;

GENE INFORMATION

Entrez Gene ID	23394
UniProt ID	Q9H2P0
Function	beta-tubulin binding; chromatin binding; copper ion binding; metal ion binding; peptide binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221