

## Product datasheet for **TA392787**

### ADNP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding Human ADNP.
Specificity:	ADNP polyclonal antibody detects endogenous levels of ADNP protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 123 kDa
Gene Name:	activity-dependent neuroprotector homeobox
Database Link:	<a href="#">Entrez Gene 23394 Human Q9H2P0</a>
Background:	Activity-dependent neuroprotector (ADNP), also designated activity-dependent neuroprotective protein, is a nuclear protein that functions as a putative transcription factor and may participate in normal growth and cancer proliferation. ADNP is a highly conserved vasoactive intestinal peptide (VIP) responsive gene that is expressed profusely in the brain (primarily cerebellum and cortex regions) and is crucial for brain formation and embryonic development. ADNP is also highly expressed in kidney, placenta, heart, skeletal muscle, breast, and colon cancer tissues. Studies indicate that neuroprotection by subpicomolar PACAP38 might be mediated partially by expression of ADNP. A correlation between brain injuries and elevated ADNP levels indicates a potential involvement of ADNP in an endogenous compensatory mechanism.

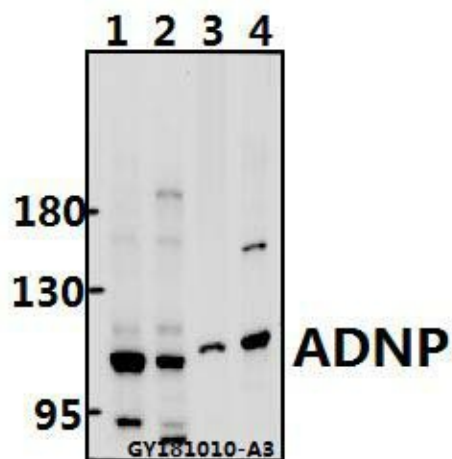


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**Synonyms:** Activity-dependent neuroprotective protein; Activity-dependent neuroprotector homeobox protein; ADNP; ADNP1; KIAA0784

**Note:** For research use only, not for use in diagnostic procedure.

**Product images:**



Western blot (WB) analysis of ADNP polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate(40ug) Lane2:HCT116 whole cell lysate(40ug) Lane3:The Kidney tissue lysate of Rat(40ug) Lane4:The Embryo tissue lysate of Mouse(40ug)