Rabbit anti-Human, Mouse ADNP Polyclonal Antibody | anti-ADNP antibody

ADNP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321018	**Rabbit**	**Human, Mouse**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

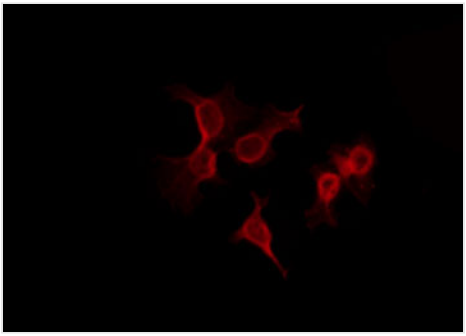
PRODUCT SYNONYMS

ADNP; Polyclonal Antibody; ADNP Antibody; Activity dependent neuroprotective protein; Activity dependent neuroprotector; Activity-dependent neuroprotective protein; Activity-dependent neuroprotector homeobox protein; Adnp; ADNP_HUMAN; KIAA0784; anti-ADNP antibody

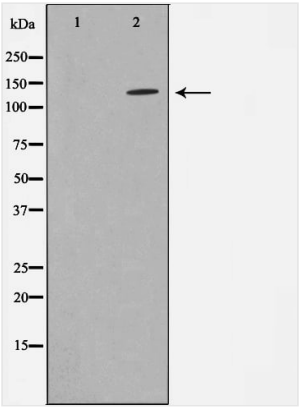
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ADNP antibody detects endogenous levels of ADNP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1102
Applicable Applications for anti-ADNP antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADNP
Subcellular Location	Nucleus
Tissue Specificity	Widely expressed. Strong expression in heart, skeletal muscle, kidney and placenta. In brain, expression is stronger in the cerebellum and cortex regions. No expression detected in the colon. Strong increase of expression in colon and breast cancer tissues.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken**
Similarity	Pig (92%), Bovine (83%), Horse (92%), Sheep (83%), Rabbit (100%), Dog (92%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA321018 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis on LOVO cell lysate using ADNP Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ADNP antibody	Description: ADNP Potential transcription factor. May mediate some of the neuroprotective peptide VIP-associated effects involving normal growth and cancer proliferation. Function: Potential transcription factor. May mediate some of the neuroprotective peptide VIP-associated effects involving normal growth and cancer proliferation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	542133157
NCBI GeneID	23394
NCBI Accession #	NP_001269460.1
NCBI GenBank Nucleotide #	NM_001282531.2
UniProt Accession #	Q9H2P0; O94881; Q5BKU2; Q9UG34; E1P5Y2
Molecular Weight	Observed: 124 kDa Predicted: 124 kDa
NCBI Official Full Name	activity-dependent neuroprotector homeobox protein
NCBI Official Synonym Full Names	activity dependent neuroprotector homeobox
NCBI Official Symbol	ADNP
NCBI Official Synonym Symbols	ADNP1; HVDAS; MRD28
NCBI Protein Information	activity-dependent neuroprotector homeobox protein
UniProt Protein Name	Activity-dependent neuroprotector homeobox protein
UniProt Gene Name	**ADNP**
UniProt Synonym Gene Names	ADNP1; KIAA0784

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/adnp-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321018