

Rabbit ANP32E Polyclonal Antibody | anti-ANP32E antibody

ANP32E Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289895	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Immunofluorescence, ELISA, Western Blot

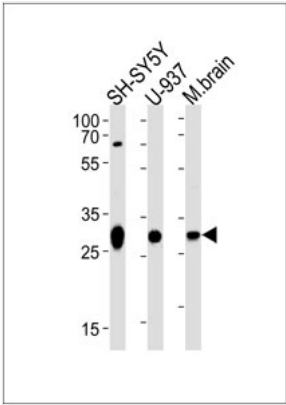
PRODUCT SYNONYMS

ANP32E; Polyclonal Antibody; ANP32E Antibody (N-term); Acidic leucine-rich nuclear phosphoprotein 32 family member E; LANP-like protein; LANP-L; anti-ANP32E antibody

PRODUCT SPECIFICATIONS

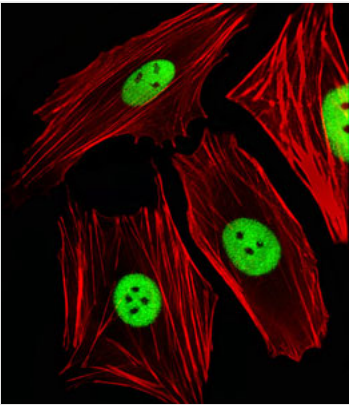
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANP32E antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-44 amino acids from the N-terminal region of human ANP32E.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	220
Applicable Applications for anti-ANP32E antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Function	Histone chaperone that specifically mediates the genome- wide removal of histone H2A.Z/H2AFZ from the nucleosome: removes H2A.Z/H2AFZ from its normal sites of deposition, especially from enhancer and insulator regions. Not involved in deposition of H2A.Z/H2AFZ in the nucleosome. May stabilize the evicted H2A.Z/H2AFZ-H2B dimer, thus shifting the equilibrium towards dissociation and the off-chromatin state (PubMed:24463511). Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis.
Cellular location	Cytoplasm. Nucleus
Tissue location	Expressed in peripheral blood leukocytes, colon, small intestine, prostate, thymus, spleen, skeletal muscle, liver and kidney.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from SH-SY5Y,U-937 cell line and mouse brain tissue lysate(from left to right), using ANP32E Antibody(N-term) (AAA289895). AP20559a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was.



IF (Immunofluorescence)

Fluorescent image of SH-SY5Y cells stained with ANP32E Antibody (N-term). AAA289895 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-ANP32E antibody	Inhibits activity of protein phosphatase 2A (PP2A). Does not inhibit protein phosphatase 1. May play a role in cerebellar development and synaptogenesis process by modulating PP2A activity (By similarity).
Product Categories/Family for anti-ANP32E antibody	Crown Antibodies; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Jiang M.,et al.Cytogenet. Genome Res. 97:68-71(2002). Ota T.,et al.Nat. Genet. 36:40-45(2004). Bechtel S.,et al.BMC Genomics 8:399-399(2007). Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	210147569
NCBI GeneID	81611
NCBI Accession #	NP_001129950.1
NCBI GenBank Nucleotide #	NM_001136478.3
UniProt Accession #	Q9BTT0; Q5TB18; Q5TB20; Q8N1S4; Q8WWW9; B4E0I6; E9PEA6
Molecular Weight	30692
NCBI Official Full Name	acidic leucine-rich nuclear phosphoprotein 32 family member E isoform 2
NCBI Official Synonym Full Names	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E
NCBI Official Symbol	ANP32E
NCBI Official Synonym Symbols	LANPL; LANP-L
NCBI Protein Information	acidic leucine-rich nuclear phosphoprotein 32 family member E
UniProt Protein Name	Acidic leucine-rich nuclear phosphoprotein 32 family member E
UniProt Gene Name	ANP32E
UniProt Synonym Gene Names	LANP-L
UniProt Entry Name	AN32E_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/anp32e-antibody-immunofluorescence-western-blot-elisa/289895>