

Rabbit Rabies virus Nucleoprotein Polyclonal Antibody | anti-N antibody

Rabbit anti-Rabies virus Nucleoprotein polyclonal Antibody, HRP conjugated

CATALOG # AAA118131	HOST Rabbit	REACTIVITY Rabies virus	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Rabies virus Nucleoprotein; Polyclonal Antibody; Rabbit anti-Rabies virus Nucleoprotein polyclonal Antibody; HRP conjugated; NP; Nucleocapsid protein; Protein N; N; anti-N antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rabies virus
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	450
Applicable Applications for anti-N antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	HRP
Immunogen	Recombinant Rabies virus Nucleoprotein protein
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-N antibody	Encapsidates the genome in a ratio of one protein N per nine ribonucleotides, protecting it from nucleases. If expressed without protein P it binds non-specifically RNA and therefore can bind it's own mRNA. Interaction with protein P abolishes any non-specific RNA binding, and prevents phosphorylation. The soluble N-P complex encapsidates specifically the genomic RNA, with protein N protecting the genome like a pearl necklace. The encapsidated genomic RNA is termed the nucleocapsid (NC) and serves as template for viral transcription and replication. Protein N binds protein P in the NC through a different interaction, and can be phosphorylated. Subsequent viral replication is dependent on intracellular concentration of newly synthesized protein N. During replication, encapsidation by protein N is coupled to RNA synthesis and all replicative products are resistant to nucleases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	152031643
UniProt Accession #	P15197; Q4F903
Molecular Weight	50,748 Da
NCBI Official Full Name	Nucleoprotein

UniProt Protein Name	Nucleoprotein
UniProt Gene Name	N
UniProt Synonym Gene Names	NP; Protein N
UniProt Entry Name	NCAP_RABVA

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://www.aaabiotech.com/polyclonal/rabies-virus-nucleoprotein-antibody-elisa/118131>