

E (West Nile Virus) Polyclonal Antibody

Anti-E (West Nile Virus) Antibody

CATALOG #
AAA62132

APPLICATIONS
ELISA, Western Blot

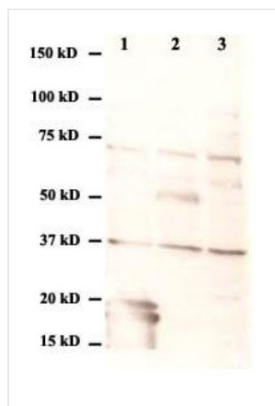
PRODUCT SYNONYMS

E (West Nile Virus); Polyclonal Antibody; Anti-E (West Nile Virus) Antibody; Anti-E (West Nile Virus) rabbit polyclonal antibody; anti-E (West Nile Virus) antibody

PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Specificity	Reacts with E protein or its subdomain (DIII) of West Nile virus.
Form/Format	100ul of rabbit sera with 0.1% sodium azide.
Applicable Applications for anti-E (West Nile Virus) antibody	ELISA, WB (Western Blot)
Immunogen	In vivo expressed full-length envelope (E)protein of West Nile virus (Genebank No.NC_009942).
Preparation and Storage	Store at -20°C. Stable for 6-months from the date of shipment when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES



Application Data

Western Blot:1. 293 cell expressing E (DIII) protein of West Nile virus2. 293 cell expressing E protein of West Nile virus3. 293 cell extract control

ADDITIONAL INFORMATION

Related Product Information for anti-E (West Nile Virus) antibody

Description: Rabbit polyclonal antibody

Introduction: West Nile virus (WNV) is a virus of the family Flaviviridae part of the Japanese encephalitis (JE) antigenic complex of viruses. Image reconstructions and cryoelectron microscopy reveal a 45-50 nm virion covered with a relatively smooth protein surface. This structure is similar to virus; both belong to the genus flavivirus within the family Flaviviridae. WNV is a positive-sense, single strand of RNA, it is between 11,000 and 12,000 nucleotides long which encode seven non-structural proteins (NS1, NS2a, NS3, NS4a, NS4b, and NS5) and three structural proteins (capsid (C), membrane (M or preM), and envelope (E)). The RNA strand is held within a nucleocapsid formed from 12 kDa protein blocks; the capsid is contained within a host-derived membrane altered by two viral glycoproteins.

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/e-west-nile-virus-antibody-western-blot-elisa/62132>