

Rabbit Anti-Eastern Equine Encephalitis (EEEV) E2 Glycoprotein Polyclonal Ab

Catalog #: 0318-001

Lot #: 1701003

Immunogen: Peptide sequence specific to EEEV E2 glycoprotein.

Description: Affinity-purified rabbit polyclonal antibody reactive to EEEV E2 glycoprotein.

Supplied: 100 µg is supplied in PBS + 0.02% sodium azide at a concentration of **0.454 mg/mL**.

Raised in: Rabbits

Clonality: Polyclonal

Relevance: The antibody can be used for alphavirus research.

Recommended Dilutions:

ELISA: Assay-dependent dilution.

Western Blot: Assay-dependent dilution.

Storage: 2-3 weeks +4°C, -20°C long term. Avoid multiple freeze thaws.

Cross Reactivity: No cross reactivity was observed with Western Equine Encephalitis (WEEV) E3E2/E2 glycoprotein.

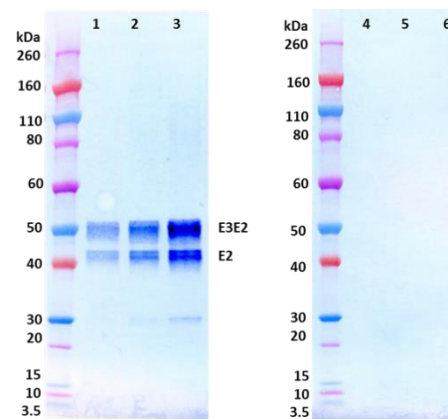
Related Products: IBT provides a wide array of alphavirus, filovirus proteins and antibodies and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

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Western Blot Detection



Rabbit anti-EEEV E2 polyclonal Ab at 500 ng/mL was able to detect EEEV E3E2/E2 glycoprotein (cat # 0560-001) loaded at 50, 100 and 200 ng/lane (lanes 1-3). No cross-reactivity against WEEV E3E2/E2 glycoprotein (cat # 0561-001) was observed (lanes 4-6). Western Blot was visualized using an anti-rabbit IgG-HRP conjugate and TMB Membrane substrate.

ELISA Data:

Anti-EEEV pAb Concentration in µg/mL	OD 650 nm
10.0000	3.727
3.1623	3.868
1.0000	3.747
0.3162	3.065
0.1000	1.925
0.0316	0.885
0.0100	0.367
0.0032	0.162
0.0010	0.143
0.0003	0.080
0.0001	0.077
0.0000	0.070

EEEV E3E2/E2 protein was diluted to 4 µg/mL in PBS for plate coating. Rabbit anti-EEEV E2 pAb was serially diluted semi-log from 10 µg/mL and incubated on the coated plates. Washed plates were detected with anti-rabbit IgG-HRP conjugate and TMB substrate. OD650 is reported above.