SunLong Biotech Co.,LTD

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[Primary Antibody]

Rabbit Anti-JEV E antibody

Catalog Number: SL2310R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	JEV E
Immunogen:	Recombinant Japanese encephalitis virus E protein
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:JEV)
Background:	Swine Japanese encephalitis is a zoonotic infectious disease caused by Japanese encephalitis virus, commonly known as "Japanese encephalitis". The virus is transmitted by mosquitoes and has strict seasonality. Pigs of all ages, breeds and sexes are susceptible to this disease. After pigs are infected with this disease, sows often suffer abortion and stillbirth, boars develop orchitis, finishing pigs may have persistent high fever, and piglets often show encephalitis symptoms. The structural proteins of swine Japanese encephalitis virus are the main components of the virion and the main substances maintaining the morphological structure. The structural proteins include capsid protein C, virion envelope protein M (cleaved from PreM) and envelope protein E.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.