
Product Information

Size:

50ug

Reactivity:

Junin mammarenavirus

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

Protein Background:

Encapsidates the genome, protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid (NC). Serves as template for viral transcription and replication. The increased presence of protein N in host cell does not seem to trigger the switch from transcription to replication as observed in other negative strain RNA viruses. Disables the host innate defense by interfering with beta interferon (IFNB) production through the inhibition of host IRF3 phosphorylation and activation by host IKBKE. Through the interaction with host IKBKE, strongly inhibits the phosphorylation and nuclear translocation of IRF3, a protein involved in IFN activation pathway, leading to the inhibition of IFNB and IRF3-dependent promoters activation. Interacts with host IKBKE (via Protein kinase domain); the interaction inhibits IKBKE kinase activity.

Gene ID:

N

Uniprot

P14239

Synonyms:

Nucleoprotein (Nucleocapsid protein) (Protein N), N

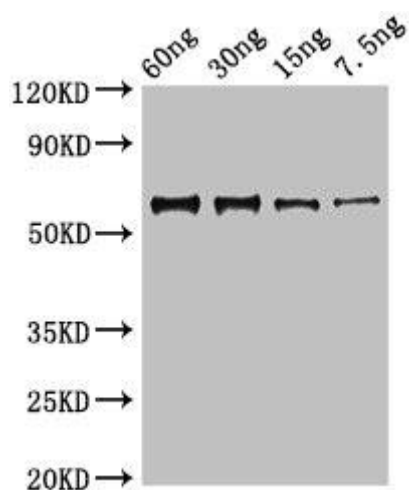
Immunogen:

Recombinant Junin mammarenavirus Nucleoprotein protein (1-564AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in Recombinant protein. All lanes: N antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. predicted band size: 64 kDa. observed band size: 64 kDa.