

# Phosphoprotein Polyclonal Antibody

Catalog No: #42627

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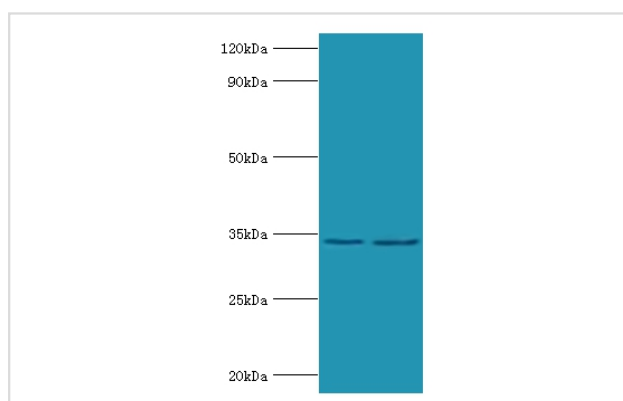
## Description

Product Name	Phosphoprotein Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Rabies virus
Specificity	The antibody detects endogenous level of total Phosphoprotein polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Rabies virus Phosphoprotein protein
Target Name	Phosphoprotein
Other Names	Protein M1 P
Accession No.	Swiss-Prot#: P69480
Uniprot	P69480
Calculated MW	34kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



All lanes: Phosphoprotein antibody at 2ug/ml  
 Lane 1: Rabies virus Phosphoprotein protein at 1ug  
 Lane 2: Rabies virus Phosphoprotein protein at 0.1ug  
 secondary  
 Goat polyclonal to rabbit at 1/10000 dilution  
 predicted band size :34kDa  
 observed band size :34kDa

## Background

Non catalytic polymerase cofactor and regulatory protein that plays a role in viral transcription and replication. Stabilizes the RNA polymerase L to the N-RNA template and binds the soluble protein N, preventing it from encapsidating non-genomic RNA. Also inhibits host IFN-alpha and IFN-beta signaling by binding and retaining phosphorylated STAT1 in the cytoplasm or by inhibiting the DNA binding of STAT1 in the nucleus. Might be involved, through interaction with host dynein, in intracellular microtubule-dependent virus transport of incoming virus from the synapse toward the cell body

## References

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[1]Nucleotide and deduced amino acid sequences of the nominal nonstructural phosphoprotein of the ERA, PM and CVS-11 strains of rabies virus.Larson J.K., Wunner W.H.Nucleic Acids Res. 18:7172-7172(1990)

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Note: This product is for in vitro research use only