Product Datasheet

Fusion glycoprotein F0 Antibody

Catalog No: #48527

Package Size: #48527-1 50ul #48527-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

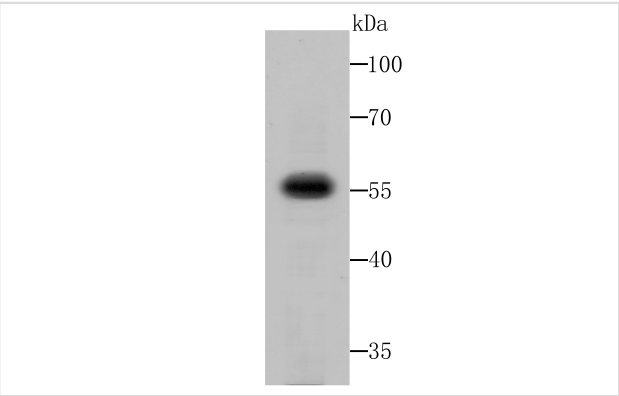
Description

Product Name	Fusion glycoprotein F0 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	WB
Species Reactivity	Avian avulavirus 1
Immunogen Description	Peptide
Other Names	F antibody Fusion glycoprotein F0 antibody Protein F antibody RSV Fusion (F) Glycoprotein antibody
Accession No.	Swiss-Prot#:W8CLH7
Uniprot	W8CLH7
Calculated MW	59 kDa
Formulation	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1,000

Images



Western blot analysis of Fusion glycoprotein F0 on Fusion glycoprotein F0 transfected HEK293 cell lysates using anti-Fusion glycoprotein F0 antibody at 1/500 dilution.

Background

During virus entry, induces fusion of viral and cellular membranes leading to delivery of the nucleocapsid into the cytoplasm. The fusogenic activity is inactive untill entry into host cell endosome, where a furin-like protease cleaves off a small peptide between F1 and F2. Interacts directly with heparan sulfate and may participate in virus attachment. Furthermore, the F2 subunit was identifed as the major determinant of RSV host cell specificity. Later in infection, proteins F expressed at the plasma membrane of infected cells can mediate fusion with adjacent cells to form syncytia, a cytopathic effect that could lead to tissue necrosis. The fusion protein is also able to trigger p53-dependent apoptosis.

References

Note: This product is for in vitro research use only