

**C19orf66 polyclonal antibody**

Catalog: BS34555

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Shiftless antiviral inhibitor of ribosomal frameshifting protein: Inhibits programmed -1 ribosomal frameshifting (-1PRF) of a variety of mRNAs from viruses, such as HIV1, and cellular genes, such as PEG10. Interacts with the -1PRF signal of target mRNA and translating ribosomes and causes premature translation termination at the frameshifting site. Regulates HIV1 GAG-POL expression by inhibiting -1PRF. Exhibits antiviral activity against dengue virus (DENV) and can inhibit the replication of all DENV serotypes. May block the protein translation of DENV RNA via its association with cellular mRNA-binding proteins and viral RNA. Also interrupts Zika virus replication by promoting viral NS3 degradation via a lysosome-dependent pathway. Can also limit the replication of hepatitis C virus (HCV) by restricting formation of viral replication organelle, West Nile virus (WNV), Chikungunya virus (CHIKV), herpes simplex virus type 1 (HHV-1), herpes virus typ...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~33.1 kDa

Swiss-Prot:

Q9NUL5

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of C19orf66 protein

DATA:

Western blot analysis of Annexin A3 expression in Hela (A) whole cell lysates.

Immunohistochemical analysis of Annexin A3 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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