

US Biological (antibodypab)

84-1663-44 [取扱停止] CPSF4, ID (CPSF4, CPSF30, NAR, NEB1, Cleavage and polyadenylation specificity factor subunit 4, Cleavage and polyadenylation specificity factor 30kD subunit, NS1 effector domain-binding protein 1, No arches homolog) (APC) 200ul 034 180-APC



アズワン品番 84-1663-44

型番 034180-APC

入り数 1個

標準価格 -円

取扱停止



特徴

Inhibition of the nuclear export of poly(A)-containing mRNAs caused by the influenza A virus NS1 protein requires its effector domain.

The NS1 effector domain functionally interacts with the cellular 30 kDa subunit of cleavage and polyadenylation specific factor 4, an essential component of the 3' end processing machinery of cellular pre-mRNAs.

In influenza virus-infected cells, the NS1 protein is physically associated with cleavage and polyadenylation specific factor 4, 30kD subunit.

Binding of the NS1 protein to the 30 kDa protein in vitro prevents CPSF binding to the RNA substrate and inhibits 3' end cleavage and polyadenylation of host pre-mRNAs. Thus the NS1 protein selectively inhibits the nuclear export of cellular, and not viral, mRNAs.

Applications: Suitable for use in Western Blot, FLISA

Recommended Dilution: FLISA: 1:1,000 Western Blot: 1:100-500

Storage and Stability: Store product at 4°C in the dark.

DO NOT FREEZE! Stable at 4°C for 12 months after receipt as an undiluted liquid.

Dilute required amount only prior to immediate use.

Further dilutions can be made in assay buffer.

Caution: APC conjugates are sensitive to light.

For maximum recovery of product, centrifuge the original vial prior to removing the cap.

Note: Applications are based on unconjugated antibody.

仕様

Size: 200ul

Host: rabbit

Source Antibody: human

Grade: Affinity Purified

Purity: Purified by Protein A affinity chromatography.

Form: Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide and a stabilizer. Labeled with Allophycocyanin (APC).

Specificity: Human

Isotype: IgG

Calc Applications Abbrev: FLISA WB

Calc Crossreactivity: Hu

Immunogen: CPSF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102~132 amino acids from the Central region of human CPSF4.

Shelf Life: 6 months

Swiss Prot Number: O95639

EU Commodity Code: 30021010

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