

Rabbit CPSF4 Polyclonal Antibody | anti-CPSF4 antibody

CPSF4 Polyclonal Antibody

CATALOG # AAA168995	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CPSF4; Polyclonal Antibody; CPSF4 Polyclonal Antibody; NAR; NEB1; CPSF30; anti-CPSF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	269
Applicable Applications for anti-CPSF4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human CPSF4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using CPSF4 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CPSF4 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-CPSF4 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457318
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NCBI GeneID	10898
UniProt Accession #	O95639; Q6FGE6; Q86TF8; Q9BTW6; D6W5S8
Molecular Weight	27,419 Da
NCBI Official Full Name	CPSF4, partial
NCBI Official Synonym Full Names	cleavage and polyadenylation specific factor 4, 30kDa
NCBI Official Symbol	CPSF4
NCBI Official Synonym Symbols	NAR; NEB1; CPSF30
NCBI Protein Information	cleavage and polyadenylation specificity factor subunit 4; CPSF 30 kDa subunit; NS1 effector domain-binding protein 1; cleavage and polyadenylation specificity factor 30 kDa subunit; cleavage-polyadenylation specificity factor, 30kD; neb-1; no arches homolog; no arches-like zinc finger protein
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 4
UniProt Gene Name	CPSF4
UniProt Synonym Gene Names	CPSF30; NAR; NEB1; CPSF 30 kDa subunit; Neb-1
UniProt Entry Name	CPSF4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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