SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CSDE1 antibody

Catalog Number: SL14083R

FOR RESEARCH USE ONLY

[DATASHEET]

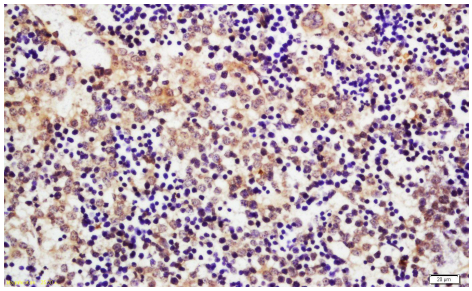
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CSDE1
Immunogen:	KLH conjugated synthetic peptide derived from human CSDE1: 501-600/798
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Dog,Pig,Cow,Horse)
Predicted MW.:	89kDa
Subcellular Location:	cytoplasmic
Background:	UNR is a 798 amino acid protein that localizes to the cytoplasm and contains nine CDS (cold shock) domains. Existing as a component of the multi-protein autoregulatory ribonucleoprotein complex (ARC), UNR functions as an RNA-binding protein that is required for the initiation of rhinovirus RNA translation and is thought to be involved in translationally coupled mRNA turnover. UNR is expressed as two isoforms, designated long and short, and shares over 98% amino acid identity with its rat counterpart, suggesting a conserved role between species. The gene encoding UNR maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. **Function:** RNA-binding protein. Required for internal initiation of translation of human rhinovirus RNA. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

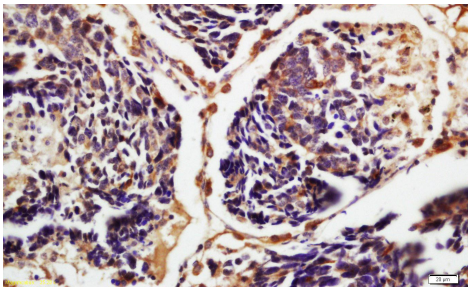
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	deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. **Subcellular Location:** Cytoplasm. **Similarity:** Contains 9 CSD (cold-shock) domains. **Database links:** **Entrez Gene:** 7812 Human **Entrez Gene:** 513993 Cow **Entrez Gene:** 229663 Mouse **Entrez Gene:** 117180 Rat Omim: 191510 Human **SwissProt:** O75534 Human **SwissProt:** Q91W50 Mouse **SwissProt:** P18395 Rat **Unigene:** 69855 Human **Unigene:** 277713 Mouse **Unigene:** 3562 Rat

[VALIDATION IMAGES]



Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-CSDE1 Polyclonal Antibody, Unconjugated(SL14083R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-CSDE1 Polyclonal Antibody, Unconjugated(SL14083R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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