

CSDE1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16739B**Specification**

CSDE1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O75534
Other Accession	NP_001123995.1 , NP_001007554.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	88885
Antigen Region	588-615

CSDE1 Antibody (C-term) - Additional Information**Gene ID** 7812**Other Names**

Cold shock domain-containing protein E1, N-ras upstream gene protein, Protein UNR, CSDE1, D1S155E, KIAA0885, NRU, UNR

Target/Specificity

This CSDE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 588-615 amino acids from the C-terminal region of human CSDE1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CSDE1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CSDE1 Antibody (C-term) - Protein Information**Name** CSDE1 ([HGNC:29905](#))

Function RNA-binding protein involved in translationally coupled mRNA turnover (PubMed:[11051545](#), PubMed:[15314026](#)). Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain (PubMed:[11051545](#), PubMed:[15314026](#)). Required for efficient formation of stress granules (PubMed:[29395067](#)).

Cellular Location

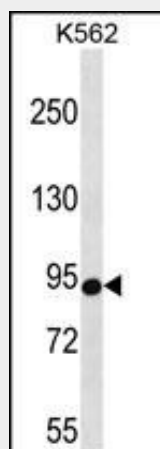
Cytoplasm. Cytoplasm, Stress granule. Cytoplasm, P-body

CSDE1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSDE1 Antibody (C-term) - Images



CSDE1 Antibody (C-term) (Cat. #AP16739b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the CSDE1 antibody detected the CSDE1 protein (arrow).

CSDE1 Antibody (C-term) - Background

CSDE1 is a 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 deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain.

CSDE1 Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care (2010) In press :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Anderson, E.C., et al. J. Gen. Virol. 88 (PT 11), 3043-3052 (2007) :

Wu, C., et al. Proteomics 7(11):1775-1785(2007)