10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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).

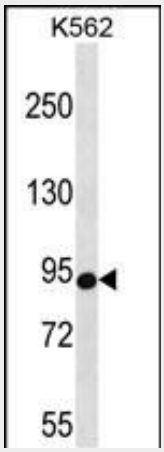
Cellular Location
Cytoplasm. Cytoplasm, Stress granule. Cytoplasm, P-body

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 Cytomety
- 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)