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# CSDE1 Antibody (C-term) Blocking Peptide

**Synthetic peptide**
**Catalog # BP16739b**

## Specification

### CSDE1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O75534

### CSDE1 Antibody (C-term) Blocking Peptide - 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

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### CSDE1 Antibody (C-term) Blocking Peptide - Protein Information

**Name** CSDE1 (HGNC:29905)

**Function**
RNA-binding protein involved in translationally coupled mRNA turnover (PubMed:<a href="http://www.uniprot.org/citations/11051545" target="_blank">11051545</a>, PubMed:<a href="http://www.uniprot.org/citations/15314026" target="_blank">15314026</a>). 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:<a href="http://www.uniprot.org/citations/11051545" target="_blank">11051545</a>, PubMed:<a href="http://www.uniprot.org/citations/15314026" target="_blank">15314026</a>). Required for efficient formation of stress granules (PubMed:<a href="http://www.uniprot.org/citations/29395067" target="_blank">29395067</a>).

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

### CSDE1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

**CSDE1 Antibody (C-term) Blocking Peptide - Images**

**CSDE1 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)