

**Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP1942a****Specification**

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**Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P33240](#)**Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1478**Other Names**

Cleavage stimulation factor subunit 2, CF-1 64 kDa subunit, Cleavage stimulation factor 64 kDa subunit, CSTF 64 kDa subunit, CstF-64, CSTF2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1942a](/product/products/AP1942a) was selected from the N-term region of human CSTF2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - Protein Information****Name** CSTF2**Function**

One of the multiple factors required for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs. This subunit is directly involved in the binding to pre-mRNAs (By similarity).

**Cellular Location**

Nucleus. Note=Localized with DDX1 in cleavage bodies

## **Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - Images**

## **Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - Background**

CSTF2 is one of three (including CSTF1 and CSTF3) cleavage stimulation factors which combine to form CSTF which is involved in the polyadenylation and 3'end cleavage of pre-mRNAs. CSTF2 contains a ribonucleoprotein-type RNA binding domain. CSTF2 is upregulated during activation of B cells which results in the switch of IgM heavy chain mRNA from membrane bound form to the secreted form.

## **Cleavage stimulation factor 2 (CSTF2) Antibody (N-term) Blocking peptide - References**

Takagaki, Y., et al., Mol. Cell 2(6):761-771 (1998).Martincic, K., et al., Proc. Natl. Acad. Sci. U.S.A. 95(19):11095-11100 (1998).Takagaki, Y., et al., Cell 87(5):941-952 (1996).Takagaki, Y., et al., Nature 372(6505):471-474 (1994).Takagaki, Y., et al., Proc. Natl. Acad. Sci. U.S.A. 89(4):1403-1407 (1992).