



CstF-64 Polyclonal Antibody

Catalog No	YP-Ab-01631
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	CSTF2
Immunogen	The antiserum was produced against synthesized peptide derived from human CSTF2. AA range:11-60
Specificity	CstF-64 Polyclonal Antibody detects endogenous levels of CstF-64 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CF 1 64 kDa subunit;CstF 64;CSTF 64 kDa subunit;CSTF2;CstF-64;Cleavage stimulation factor subunit 2;CF-1 64 kDa subunit;Cleavage stimulation factor 64 kDa subunit
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	Nucleus . Localized with DDX1 in cleavage bodies.
Tissue Specificity	Kidney,Ovary,
Function	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.,induction:Up-regulated during the G0 to S phase transition.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:The CSTF complex is composed of CSTF1 (50 kDa subunit), CSTF2 (64 kDa subunit) and CSTF3 (77 kDa subunit). CSTF2 directly interacts with CSTF3, SYMPK and RPO2TC1. Interacts with HSF1 in heat-stressed cells. Interacts with FIP1L1.,

**Background**

This gene encodes a nuclear protein with an RRM (RNA recognition motif) domain. The protein is a member of the cleavage stimulation factor (CSTF) complex that is involved in the 3' end cleavage and polyadenylation of pre-mRNAs. Specifically, this protein binds GU-rich elements within the 3'-untranslated region of mRNAs. [provided by RefSeq, Jul 2008],

matters needing attention

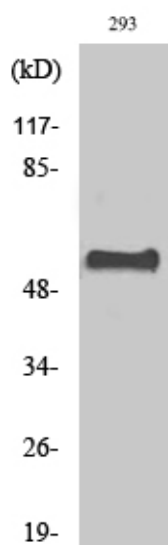
Avoid repeated freezing and thawing!

Usage suggestions

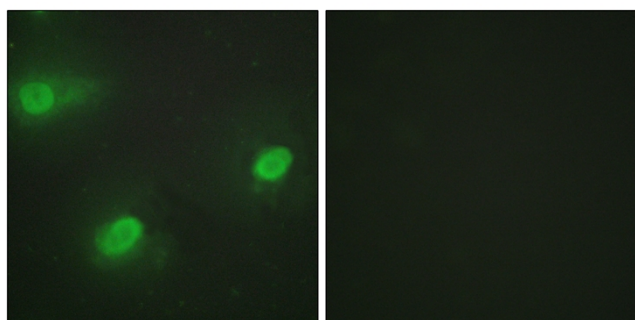
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



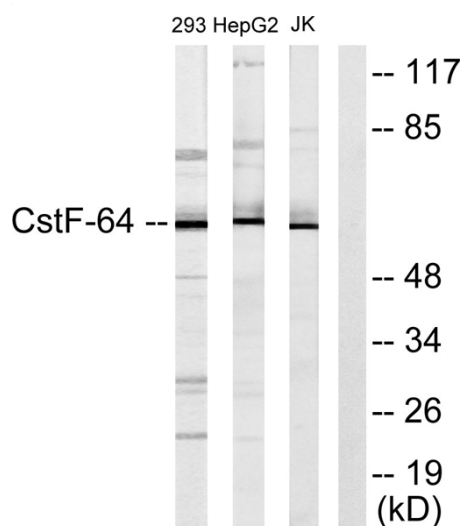
Products Images



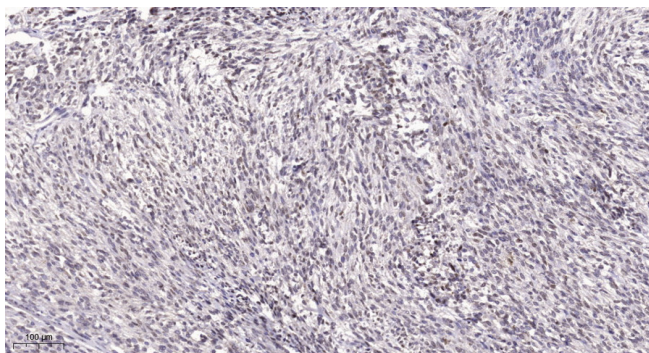
Western Blot analysis of various cells using CstF-64 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunofluorescence analysis of HeLa cells, using CSTF2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293, K562, and Jurkat cells, using CSTF2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).