



CstF-50 Polyclonal Antibody

Catalog No	YP-Ab-01630
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CSTF1
Immunogen	The antiserum was produced against synthesized peptide derived from human CSTF1. AA range:1-50
Specificity	CstF-50 Polyclonal Antibody detects endogenous levels of CstF-50 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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CF 1 50 kDa subunit;Cleavage stimulation factor;CstF 50;CSTF 50 kDa subunit; CSTF1;CstFp50;CstF-50;Cleavage stimulation factor subunit 1;CF-1 50 kDa subunit;Cleavage stimulation factor 50 kDa subunit
Observed Band	48kD
Calculated Molecular Weight	48kD
Cell Pathway	Nucleus .
Tissue Specificity	Muscle,Testis,
Function	domain:N-terminus mediates homodimerization.,domain:The WD6 domain is required for interaction with BARD1. WD domains are responsible for interaction with CSTF3.,function:One of the multiple factors required for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs. May be responsible for the interaction of CSTF with other factors to form a stable complex on the pre-mRNA.,PTM:The N-terminus is blocked.,similarity:Contains 6 WD repeats., subunit:Homodimer. The CSTF complex is composed of CSTF1 (50 kDa subunit) , CSTF2 (64 kDa subunit) and CSTF3 (77 kDa subunit). Interacts directly with CSTF3. Interacts with BARD1.,



Background

This gene encodes one of three subunits which combine to form cleavage stimulation factor (CSTF). CSTF is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. Similar to mammalian G protein beta subunits, this protein contains transducin-like repeats. Several transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008],

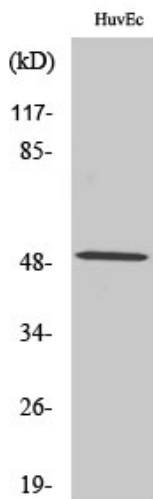
matters needing attention

Avoid repeated freezing and thawing!

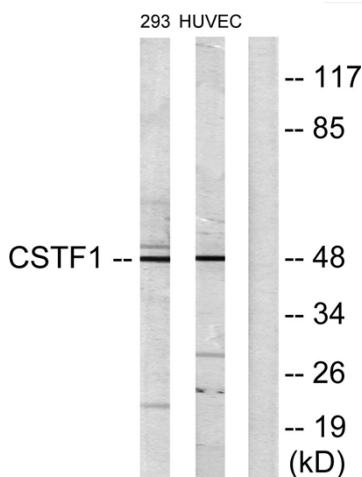
Usage suggestions

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-50 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western blot analysis of lysates from HUVEC and 293 cells, using CSTF1 Antibody. The lane on the right is blocked with the synthesized peptide.

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).