

Rabbit CSTF1 Polyclonal Antibody | anti-CSTF1 antibody

CSTF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323943	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

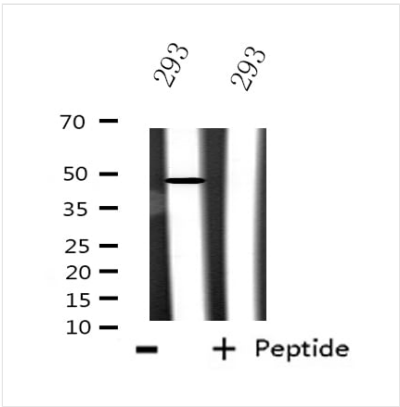
PRODUCT SYNONYMS

CSTF1; Polyclonal Antibody; CSTF1 Antibody; CF 1 50 kDa subunit; CF-1 50 kDa subunit; Cleavage stimulation factor 50 kDa subunit; Cleavage stimulation factor 50kDa subunit; Cleavage stimulation factor; Cleavage stimulation factor subunit 1; 3 prime pre RNA; subunit 1; 50 kD; cleavage stimulation factor; 3' pre RNA; 50kD; 50kDa; CstF 50; CSTF 50 kDa subunit; CstF-50; CSTF1_HUMAN; CstFp50; OTTHUMP00000031332; anti-CSTF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CSTF1 antibody detects endogenous levels of total CSTF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	431
Applicable Applications for anti-CSTF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Bovine (100%), Horse (91%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

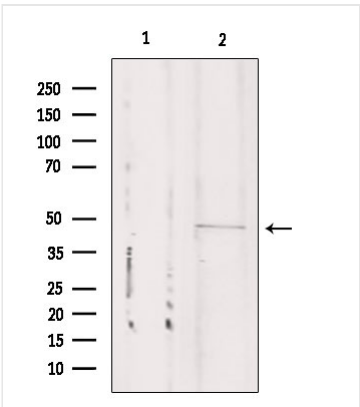
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells using CSTF1 antibody.



IF (Immunofluorescence)
AAA323943 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Mouse cancer, using CSTF1 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CSTF1 antibody	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. Subunit Structure: 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. Post-translational Modifications: The N-terminus is blocked. Similarity: The WD6 domain is required for interaction with BARD1. WD domains are responsible for interaction with CSTF3.N-terminus mediates homodimerization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	75709217
NCBI GeneID	1477
NCBI Accession #	NP_001028693.1
NCBI GenBank Nucleotide #	NM_001033521.1
UniProt Accession #	Q05048; Q5QPD8
Molecular Weight	Observed: 48 kD Predicted: 49 kDa
NCBI Official Full Name	cleavage stimulation factor subunit 1

NCBI Official Synonym Full Names	cleavage stimulation factor subunit 1
NCBI Official Symbol	CSTF1
NCBI Official Synonym Symbols	CstF-50; CstFp50
NCBI Protein Information	cleavage stimulation factor subunit 1
UniProt Protein Name	Cleavage stimulation factor subunit 1
UniProt Gene Name	CSTF1
UniProt Synonym Gene Names	CSTF 50 kDa subunit; CstF-50

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cstf1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323943>