

Rabbit CSTF2 Polyclonal Antibody | anti-CSTF2 antibody

CSTF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323864	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CSTF2; Polyclonal Antibody; CSTF2 Antibody; betaCstF 64 variant 2; CF-1 64 kDa subunit; CF1 64 kDa subunit; Cleavage stimulation factor 64 kDa subunit; Cleavage stimulation factor subunit 2; Cleavage stimulation factor; 3' pre RNA; subunit 2; 64kDa; CSTF 2; CstF 64; CSTF 64 kDa subunit; CstF-64; CSTF2_HUMAN; MGC188397; anti-CSTF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CSTF2 antibody detects endogenous levels of total CSTF2
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	560
Applicable Applications for anti-CSTF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus. Localized with DDX1 in cleavage bodies.
Tissue Specificity	Up-regulated during the G0 to S phase transition.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
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. HepG2 cells using CSTF2 antibody.



IF (Immunofluorescence)
AAA323864 staining 293 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 rat brain, using CSTF2 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CSTF2 antibody	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). Subunit Structure: 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 CPSF2, CPSF3 and FIP1L1. Interacts with DDX1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807201178
NCBI GeneID	1478
NCBI Accession #	NP_001293138.1
NCBI GenBank Nucleotide #	NM_001306209.1
UniProt Accession #	P33240; Q5H951; Q6LA74; Q8N502
Molecular Weight	Observed: 60 kD Predicted: 61 kDa
NCBI Official Full Name	cleavage stimulation factor subunit 2 isoform 3
NCBI Official Synonym Full Names	cleavage stimulation factor subunit 2
NCBI Official Symbol	CSTF2
NCBI Official Synonym Symbols	CstF-64
NCBI Protein Information	cleavage stimulation factor subunit 2
UniProt Protein Name	Cleavage stimulation factor subunit 2
UniProt Gene Name	CSTF2
UniProt Synonym Gene Names	CSTF 64 kDa subunit; CstF-64

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.