CSTF3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CSTF3, Polyclonal Antibody
Full Product Name	CSTF3 Conjugated Antibody
Product Gene Name	anti-CSTF3 antibody
Product Synonym Names	CSTF-77
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total CSTF3 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	4,952 Da
3D Structure	ModBase 3D Structure for Q12996
Immunogen	Fusion protein of human CSTF3
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-CSTF3 antibody	Most Applications
Application Notes for anti-CSTF3 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-CSTF3 antibody	The protein encoded by this gene is one of three (including CSTF1 and CSTF2) cleavage stimulation factors that combine to form the cleavage stimulation factor complex (CSTF). This complex is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. The encoded protein functions as a homodimer and interacts directly with both CSTF1 and CSTF2 in the CSTF complex. Alternative splicing results in multiple transcript variants encoding different isoforms.
Other Notes	Small volumes of anti-CSTF3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CSTF3 purchase	MBS9455596 is an antibody targeting CSTF3. Also known as CSTF3 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSTF3. It may not necessarily be applicable to this product.

NCBI GI #	14602562
NCBI GeneID	1479
NCBI Accession #	BC009792
UniProt Primary Accession #	Q12996
UniProt Secondary Accession #	Q32P22; Q96FQ8; Q96QD6; Q96QK4; A8K471; D3DR04; E9PB40
UniProt Related Accession #	Q12996
NCBI Official Full Name	Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa, mRNA
NCBI Official Synonym Full Names	cleavage stimulation factor subunit 3
NCBI Official Symbol	CSTF3
NCBI Official Synonym Symbols	CSTF-77
UniProt Protein Name	Cleavage stimulation factor subunit 3
UniProt Synonym Protein Names	CF-1 77 kDa subunit; Cleavage stimulation factor 77 kDa subunit; CSTF 77 kDa subunit; CstF-77
Protein Family	Cleavage stimulation factor
UniProt Gene Name	CSTF3
UniProt Synonym Gene Names	CSTF 77 kDa subunit; CstF-77
NCBI Protein Information	cleavage stimulation factor subunit 3
UniProt Comments for CSTF3	One of the multiple factors required for polyadenylation and 3'-end cleavage of mammalian pre-mRNAs.
Research Articles on CSTF3	**1.** Thus, the conserved intronic pA of the CstF-77 gene may function as a sensor for cellular C/P and splicing activities, controlling the homeostasis of CstF-77 and C/P activity and impacting cell proliferation and differentiation.
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