CPSF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CPSF1, Polyclonal Antibody
Full Product Name	CPSF1 Antibody
Product Gene Name	anti-CPSF1 antibody
Product Synonym Names	CPSF160; P/cl.18; HSU37012
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Specificity	The antibody detects endogenous levels of total CPSF1 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	160,884 Da
3D Structure	ModBase 3D Structure for Q10570
Immunogen	Fusion protein of human CPSF1
Product Categories/Family for anti-CPSF1 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CPSF1 antibody	Immunohistochemistry (IHC)
Application Notes for anti-CPSF1 antibody	IF: 1: 20-100
Related Product Information for anti-CPSF1 antibody	Cleavage and polyadenylation specificity factor (CPSF) is a multisubunit complex that plays a central role in 3-prime processing of pre-mRNAs. CPSF recognizes the AAUAAA signal in the pre-mRNA and interacts with other proteins to facilitate both RNA cleavage and poly (A) synthesis. CPSF1 is the largest subunit of the CPSF complex (Murthy and Manley, 1995 [PubMed 7590244])
Other Notes	Small volumes of anti-CPSF1 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 CPSF1 purchase	MBS8595491 is an antibody targeting CPSF1. Also known as CPSF1 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPSF1. It may not necessarily be applicable to this product.

NCBI GI #	56676371
NCBI GeneID	29894

NCBI Accession #	NP_037423.2
UniProt Primary Accession #	Q10570
UniProt Secondary Accession #	Q96AF0
UniProt Related Accession #	Q10570
GenBank Nucleotide #	NM_013291.2
NCBI Official Full Name	cleavage and polyadenylation specificity factor subunit 1
NCBI Official Synonym Full Names	cleavage and polyadenylation specific factor 1
NCBI Official Symbol	CPSF1
NCBI Official Synonym Symbols	CPSF160; P/cl.18; HSU37012
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 1
UniProt Synonym Protein Names	Cleavage and polyadenylation specificity factor 160 kDa subunit; CPSF 160 kDa subunit
UniProt Gene Name	CPSF1
UniProt Synonym Gene Names	CPSF160; CPSF 160 kDa subunit
NCBI Protein Information	cleavage and polyadenylation specificity factor subunit 1
NCBI Summary for CPSF1	Cleavage and polyadenylation specificity factor (CPSF) is a multisubunit complex that plays a central role in 3-prime processing of pre-mRNAs. CPSF recognizes the AAUAAA signal in the pre-mRNA and interacts with other proteins to facilitate both RNA cleavage and poly(A) synthesis. CPSF1 is the largest subunit of the CPSF complex (Murthy and Manley, 1995 [PubMed 7590244]).[supplied by OMIM, Mar 2008]
UniProt Comments for CPSF1	Component of the cleavage and polyadenylation specificity factor (CPSF) complex that plays a key role in pre-mRNA 3'-end formation, recognizing the AAUAAA signal sequence and interacting with poly(A) polymerase and other factors to bring about cleavage and poly(A) addition. This subunit is involved in the RNA recognition step of the polyadenylation reaction.
Research Articles on CPSF1	**1.** Knockdown of CPSF inhibits the proliferation, migration and invasion of ovarian carcinoma cells.
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