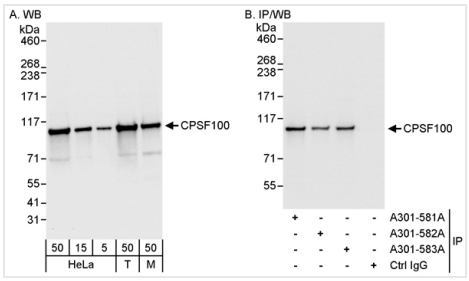
CPSF100 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CPSF100, Polyclonal Antibody
Full Product Name	Rabbit anti-CPSF100 Antibody, Affinity Purified
Product Gene Name	anti-CPSF100 antibody
Product Synonym Gene Name	CPSF2
Product Synonym Names	cleavage and polyadenylation specific factor 2, 100kDa; cleavage and polyadenylation specificity factor 100 kDa subunit; cleavage and polyadenylation specificity factor subunit 2; CPSF 100 kDa subunit; CPSF 100kDa subunit; CPSF100; Cleavage and polyadenylation specificity factor subunit 2; cleavage and polyadenylation specific factor 2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	200ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	88,487 Da
OMIM	606028
3D Structure	ModBase 3D Structure for Q9P2I0
Predicted Reactivity	Bovine
Immunogen	Between 732 and C-terminus
Conjugation	Unconjugated
Product Categories/Family for anti-CPSF100 antibody	Primary Antibodies
Applications Tested/Suitable for anti-CPSF100 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-CPSF100 antibody	WB: 1:2000-1:10,000 IP: 6ug/mg lysate
Related Product Information for anti-CPSF100 antibody	CPSF100/CPSF2 (cleavage and polyadenylation specific factor 2, 100 kDa subunit) is a subunit of the cleavage and polyadenylation specificity factor (CPSF) involved in mammalian mRNA 3'-end processing. CPSF, along with CstF (cleavage and stimulation factor), is critical for the recognition of cis-acting sequence elements on the pre-mRNA that dictate the site of cleavage and subsequent polyadenylation. CPSF exists as a complex of four proteins that includes CPSF160/CPSF1, CPSF100/CPSF2, CPSF73/CPSF3, and CPSF30/CPSF4. CPSF100/CPSF2 and CPSF73/CPSF3 are both members of the metallo-beta-lactamase superfamily of zinc-dependent hydrolases.
Other Notes	Small volumes of anti-CPSF100 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 CPSF100 purchase	MBS3902061 is an antibody targeting CPSF100. Also known as Rabbit anti-CPSF100 Antibody, Affinity Purified. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-CPSF100 antibody
Detection of human and mouse CPSF100 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-CPSF100 antibody MBS3902061 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. CPSF100 was also immunoprecipitated by rabbit anti-CPSF100 antibodies MBS3902059 and MBS3902060, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 1 second (B).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPSF100. It may not necessarily be applicable to this product.

NCBI GI #	317108150
NCBI GeneID	53981
NCBI Accession #	NP_059133.1
UniProt Primary Accession #	Q9P2I0
UniProt Secondary Accession #	Q6NSJ1; Q9H3W7; B3KME1
UniProt Related Accession #	Q9P2I0
GenBank Nucleotide #	NM_017437
NCBI Official Full Name	Homo sapiens cleavage and polyadenylation specific factor 2, 100kDa (CPSF2), mRNA
NCBI Official Synonym Full Names	cleavage and polyadenylation specific factor 2, 100kDa
NCBI Official Symbol	CPSF2
NCBI Official Synonym Symbols	CPSF100
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 2
UniProt Synonym Protein Names	Cleavage and polyadenylation specificity factor 100 kDa subunit; CPSF 100 kDa subunit
Protein Family	Cleavage and polyadenylation specificity factor
UniProt Gene Name	CPSF2
UniProt Synonym Gene Names	CPSF100; KIAA1367; CPSF 100 kDa subunit
UniProt Entry Name	CPSF2_HUMAN
NCBI Protein Information	cleavage and polyadenylation specificity factor subunit 2; CPSF 100 kDa subunit; CPSF 100kDa subunit; cleavage and polyadenylation specificity factor 100 kDa subunit
Research Articles on CPSF100	**1.** Decreased CPSF2 expression is associated with increased cellular invasion and cancer stem cell population, and more aggressive disease in papillary thyroid cancer.
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