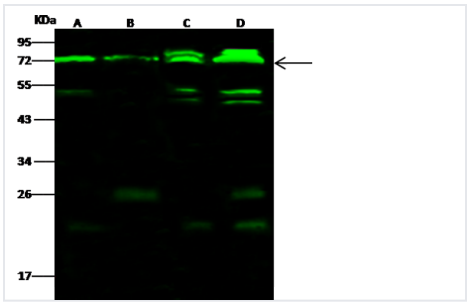
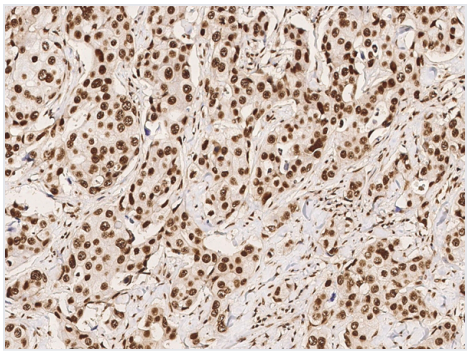
CPSF6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

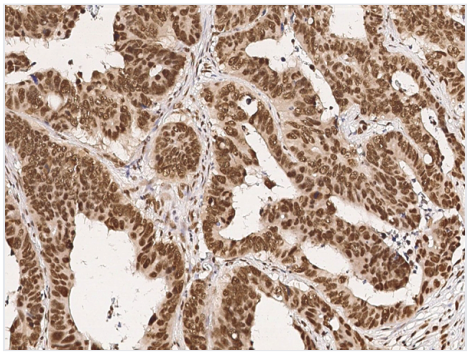
Product Name	CPSF6, Polyclonal Antibody
Full Product Name	Anti-CPSF6 Antibody, Rabbit Polyclonal
Product Gene Name	anti-CPSF6 antibody
Product Synonym Names	CPSF6 Antibody, Rabbit PAb, Antigen Affinity Purified; cleavage and polyadenylation specific factor 6; Anti-CFIM Antibody; Anti-CFIM68 Antibody; Anti-HPBRII-4 Antibody; Anti-HPBRII-7 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human CPSF6
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
OMIM	604979
3D Structure	ModBase 3D Structure for Q16630
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human CPSF6
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human CPSF6, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-CPSF6 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunoprecipitation (IP)
Application Notes for anti-CPSF6 antibody	WB: 1:500-1:2000 IHC-P: 1:500-1:2000 ICC/IF: 1:300-1:10,000 IP: 1-4uL/mg of lysate
Related Product Information for anti-CPSF6 antibody	MBS8102144 is an antibody targeting CPSF6. Also known as Anti-CPSF6 Antibody, Rabbit Polyclonal. Reactive in Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology). Host: Rabbit.
Other Notes	Small volumes of anti-CPSF6 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.



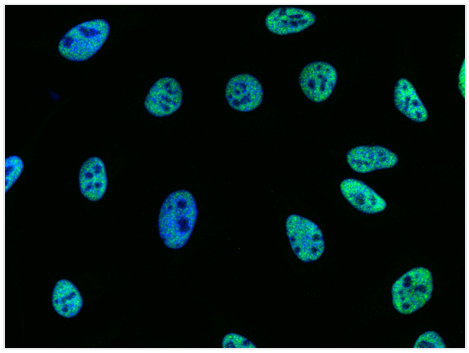
Western Blot (WB) of anti-CPSF6 antibody
Anti-CPSF6 rabbit polyclonal antibody at 1:500 dilutionLane A: Jurkat Whole Cell LysateLane B: K562 Whole Cell LysateLane C: A431 Whole Cell LysateLane D: HepG2 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.Developed using the Odyssey technique. Performed under reducing conditions.Predicted band size:59 kDaObserved band size:72 kDa(We are unsure as to the identity of these extra bands.)



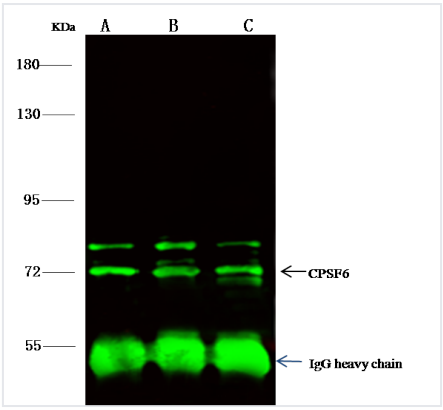
Immunohistochemistry (IHC) of anti-CPSF6 antibody
Immunochemical staining of human CPSF6 in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunohistochemistry (IHC) of anti-CPSF6 antibody
Immunochemical staining of human CPSF6 in human colon carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunofluorescence (IF) of anti-CPSF6 antibody
Immunofluorescence staining of CPSF6 in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human CPSF6 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to nucleus.



Immunoprecipitation (IP) of anti-CPSF6 antibody
CPSF6 was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell LysateLane B:0.5 mg K562 Whole Cell LysateLane C:0.5 mg Jurkat Whole Cell Lysate4 uL anti-CPSF6 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-CPSF6 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique.Performed under reducing conditions.Predicted band size: 60 kDaObserved band size: 72 kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPSF6. It may not necessarily be applicable to this product.

NCBI GI #	162329583
NCBI GeneID	11052

NCBI Accession #	NP_008938.2
UniProt Primary Accession #	Q16630
GenBank Nucleotide #	NM_007007.2
NCBI Official Full Name	cleavage and polyadenylation specificity factor subunit 6 isoform 1
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 6
UniProt Synonym Protein Names	Cleavage and polyadenylation specificity factor 68 kDa subunit; CFIm68; CPSF 68 kDa subunit; Pre-mRNA cleavage factor Im 68 kDa subunit; Protein HPBRII-4/7
Protein Family	Cleavage and polyadenylation specificity factor
UniProt Gene Name	CPSF6
UniProt Synonym Gene Names	CFIM68
UniProt Entry Name	CPSF6_HUMAN
NCBI Summary for CPSF6	The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent of spliceosomal proteins. [provided by RefSeq, Jul 2008]
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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