

Product Name: KD-Validated CPSF6 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00397**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 59.2kDa

Antigen Information

Gene Name	CPSF6 CPSF6; Cleavage And Polyadenylation Specific Factor 6; CFIM68; Cleavage Factor Im Complex 68 KDa Subunit; HPBR11-4; HPBR11-7; CFIM72; CFIM; Cleavage And Polyadenylation Specificity Factor 68 KDa Subunit; Cleavage And Polyadenylation Specificity Factor Subunit 6;
Alternative Names	Cleavage And Polyadenylation Specific Factor 6, 68kDa; Pre-mRNA Cleavage Factor Im 68 KDa Subunit; CPSF 68 KDa Subunit; Protein HPBR11-4/7; Cleavage And Polyadenylation Specific Factor 6, 68kD Subunit; Pre-mRNA Cleavage Factor I, 68kD Subunit; Pre-mRNA Cleavage Factor Im (68kD); CFIm68
Gene ID	11052.0
SwissProt ID	Q16630
Immunogen	A synthesized peptide derived from human CPSF6

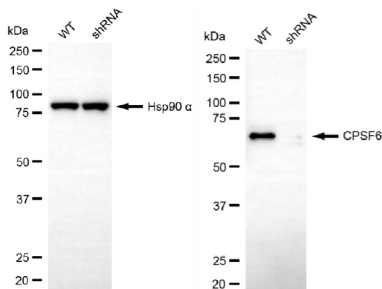
Background

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]

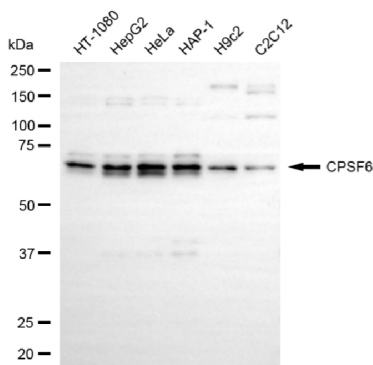
Research Area

Epigenetics and Nuclear Signaling

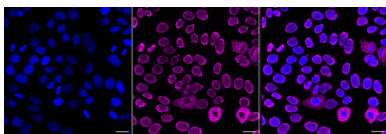
Image Data



Western blotting analysis using CPSF6 antibody (KVA00397). CPSF6 expression in wild-type (WT) and CPSF6 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CPSF6 antibody (KVA00397, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using CPSF6 antibody (KVA00397). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CPSF6 antibody (KVA00397, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with CPSF6 antibody (KVA00397, 1:1,000). Nuclei were stained blue with DAPI; CPSF6 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar, 20 µm.

