

Mouse anti-Human, Mouse CPSF6 Monoclonal Antibody | anti-CPSF6 antibody

CPSF6 (CFIM68, Cleavage and Polyadenylation Specificity Factor Subunit 6, Cleavage and Polyadenylation Specificity Factor 68kD Subunit, Pre-mRNA Cleavage Factor Im 68kD Subunit, Protein HPBR11-4/7) (HRP)

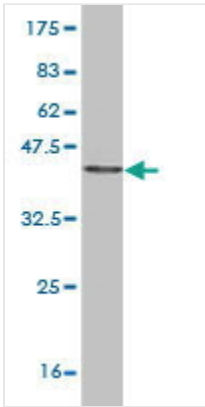
CATALOG # AAA25357	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

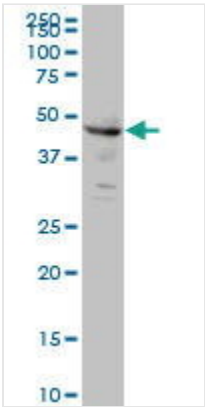
CPSF6; Monoclonal Antibody; CPSF6 (CFIM68; Cleavage and Polyadenylation Specificity Factor Subunit 6; Cleavage and Polyadenylation Specificity Factor 68kD Subunit; Pre-mRNA Cleavage Factor Im 68kD Subunit; Protein HPBR11-4/7) (HRP); anti-CPSF6 antibody

PRODUCT SPECIFICATIONS

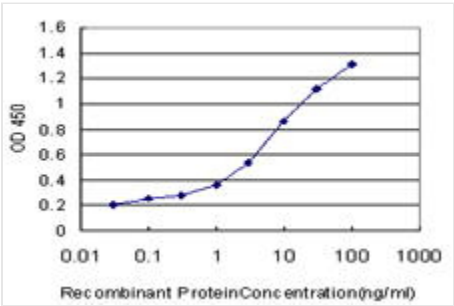
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F11
Specificity	Recognizes human CPSF6. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-CPSF6 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa37-137 from human CPSF6 (NP_008938) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ISPSANNGDAPEDRDYMDTLPTVGDDVGKGAAPNVVYTYGKRIALYIGNLTWWTTDEDLTEAVHSLGVNDILEIKFFENRANGQSKGFALVGVGSEAS
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



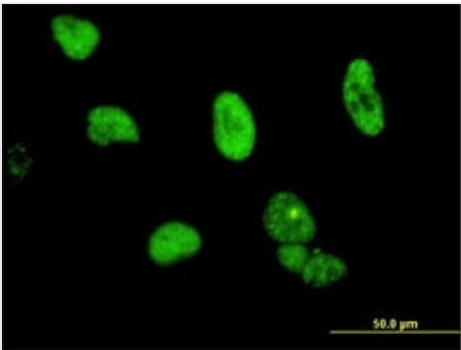
WB (Western Blot)
Western Blot detection against Immunogen (37.11kD).



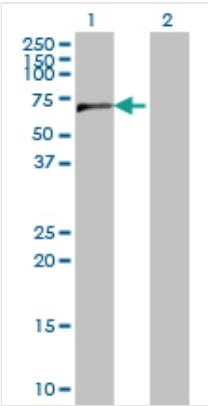
WB (Western Blot)
CPSF6 monoclonal antibody Western Blot analysis of CPSF6 expression in HeLa.



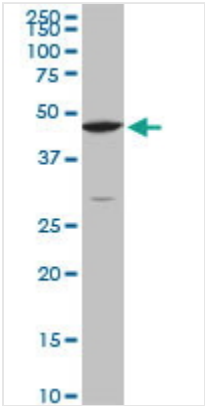
Application Data
Detection limit for recombinant GST tagged CPSF6 is ~0.03ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to CPSF6 on HeLa cell. [antibody concentration 10ug/ml].



WB (Western Blot)
Western Blot analysis of CPSF6 expression in transfected 293T cell line by CPSF6 monoclonal antibody. Lane 1: CPSF6 transfected lysate (59.21kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
CPSF6 monoclonal antibody Western Blot analysis of CPSF6 expression in Raw 264.7.

ADDITIONAL INFORMATION

Related Product Information for anti-CPSF6 antibody	Component of the cleavage factor Im complex (CFIm) that plays a key role in pre-mRNA 3'-processing. Involved in association with NUDT21/CPSF5 in pre-mRNA 3'-end poly(A) site cleavage and poly(A) addition. CPSF6 binds to cleavage and polyadenylation RNA substrates and promotes RNA looping.
Product Categories/Family for anti-CPSF6 antibody	Antibodies; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	162329583
NCBI GeneID	11052
NCBI Accession #	NP_008938
NCBI GenBank Nucleotide #	NM_007007
UniProt Accession #	Q16630
Molecular Weight	61kDa
NCBI Official Full Name	cleavage and polyadenylation specificity factor subunit 6 isoform 1
NCBI Official Synonym Full Names	cleavage and polyadenylation specific factor 6
NCBI Official Symbol	CPSF6
NCBI Official Synonym Symbols	CFIM; CFIM68; CFIM72; HPBRII-4; HPBRII-7
NCBI Protein Information	cleavage and polyadenylation specificity factor subunit 6
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 6
UniProt Gene Name	CPSF6
UniProt Synonym Gene Names	CFIM68
UniProt Entry Name	CPSF6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cpsf6-antibody-clone-3f11-western-blot-elisa/25357>