



CPSF1 mouse mAb

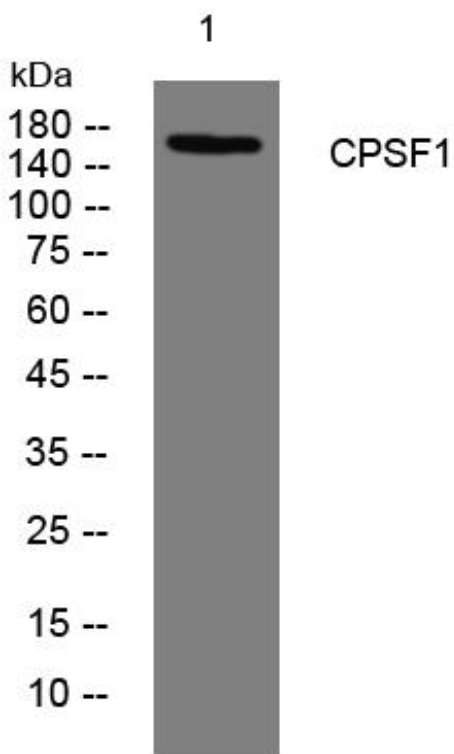
Catalog No	YP-mAb-10977
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	CPSF1 CPSF160
Protein Name	CPSF1
Immunogen	Synthesized peptide derived from human CPSF1 AA range: 564-614
Specificity	This antibody detects endogenous levels of CPSF1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus, nucleoplasm.
Tissue Specificity	Widely expressed, with high expression in the retina.
Function	function: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.,PTM:The N-terminus is blocked.,similarity:Belongs to the CPSF1 family.,subunit:Component of the cleavage and polyadenylation specificity factor (CPSF) complex, composed of CPSF1, CPSF2, CPSF3, CPSF4 and FIP1L1. Found in a complex with CPSF1, FIP1L1 and PAPOLA. Interacts with FIP1L1, PAPD4/GLD2 and SRRM1.,
Background	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],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using CPSF1 mouse mAb