

CPSF1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11791

Product Information

Application	WB
Primary Accession	Q10570
Other Accession	NM_013291 , NP_037423
Reactivity	Human, Rat, Horse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	160884

Additional Information

Gene ID	29894
Alias Symbol	CPSF160, HSU37012, P/cl.18
Other Names	Cleavage and polyadenylation specificity factor subunit 1, Cleavage and polyadenylation specificity factor 160 kDa subunit, CPSF 160 kDa subunit, CPSF1, CPSF160
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CPSF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CPSF1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CPSF1
Synonyms	CPSF160
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 (PubMed: 14749727). May play a role in eye morphogenesis and the development of retinal ganglion cell projections to the midbrain (By

similarity).

Cellular Location

Nucleus, nucleoplasm.

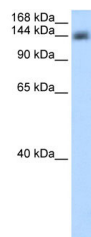
Tissue Location

Widely expressed, with high expression in the retina.

References

Beausoleil, S.A., (2004) Proc. Natl. Acad. Sci. U.S.A. 101 (33), 12130-12135
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-CPSF1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Transfected 293T

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.