

Product datasheet

Anti-CPSF1 antibody ab84743

4 Images

Overview

Product name	Anti-CPSF1 antibody
Description	Rabbit polyclonal to CPSF1
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Horse, Guinea pig, Cow, Dog, Pig, Rhesus monkey, Gorilla, Chinese hamster, Orangutan, Elephant 
Immunogen	Synthetic peptide, corresponding to a region within the amino acids 1392-1442 of Human CPSF1, NP_037423.1
Positive control	Human anaplastic thyroid carcinoma, bladder cell carcinoma, breast carcinoma, colon carcinoma, linitis plastica stomach cancer, ovarian carcinoma, prostate carcinoma, skin basal cell carcinoma, small cell lung cancer, stomach adenocarcinoma, testicular seminoma. Mouse colon carcinoma CT26, renal cell carcinoma, teratoma.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	Antibody was affinity purified using an epitope specific to CPSF160 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab84743** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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ICC/IF

IHC-P

Application notes

ICC/IF: 1/100.
 IHC-P: 1/100 - 1/500. Epitope exposure is recommended. Epitope exposure with citrate will enhance staining.

Likely to work with frozen sections.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

Target

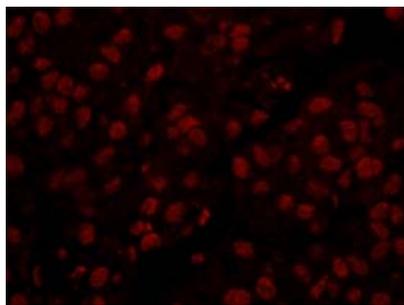
Relevance

CPSF1 (Cleavage and polyadenylation specificity factor subunit 1) is a component of the cleavage and polyadenylation specificity factor (CPSF) complex. It 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.

Cellular localization

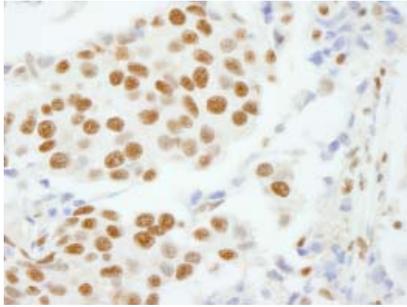
Nucleus, nucleoplasm.

Images



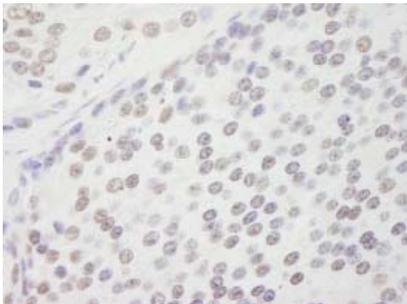
Detection of Human CPSF1 by IHC-IF.
 Sample: FFPE section of Human breast carcinoma.
 Antibody: ab84743 used at a dilution of 1/100.
 Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte Plus™555 used at a dilution of 1/100.

Immunocytochemistry/ Immunofluorescence - Anti-CPSF1 antibody (ab84743)



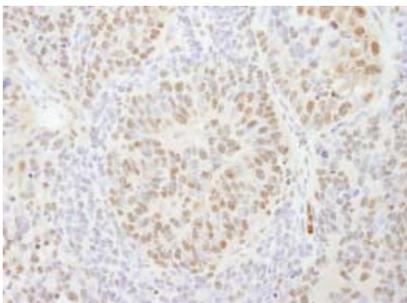
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CPSF1 antibody (ab84743)

Detection of Human CPSF1 by Immunohistochemistry.
Sample: FFPE section of Human breast carcinoma.
Antibody: ab84743 used at a dilution of 1/100.
Detection: DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CPSF1 antibody (ab84743)

Detection of Human CPSF1 by Immunohistochemistry.
Sample: FFPE section of Human prostate carcinoma.
Antibody: ab84743 used at a dilution of 1/500.
Detection: DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CPSF1 antibody (ab84743)

Detection of Mouse CPSF1 by Immunohistochemistry.
Sample: FFPE section of Mouse teratoma.
Antibody: ab84743 used at a dilution of 1/100.
Detection: DAB staining.

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