

Datasheet: VPA00581KT

Description:	CPSF3 ANTIBODY WITH CONTROL LYSATE
Specificity:	CPSF3
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	2 Westerns

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid.

Preparation

20µl Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
2% Sucrose.

Immunogen

Synthetic peptide directed towards the C terminal region of human CPSF3

**External Database
Links**

UniProt:

[Q9UKF6](#) [Related reagents](#)

Entrez Gene:

[51692](#) CPSF3 [Related reagents](#)

Synonyms

CPSF73

Specificity

Rabbit anti Human CPSF3 antibody recognizes CPSF3 also known as cleavage and polyadenylation specificity factor subunit 3, also known as mRNA 3'-end-processing endonuclease CPSF-73 or cleavage and polyadenylation specificity factor 73 kDa subunit.

CPSF3 gene encodes a member of the metallo-beta-lactamase family. The encoded protein is a 73 kDa subunit of the cleavage and polyadenylation specificity factor and functions as an endonuclease that recognizes the pre-mRNA 3'-cleavage site AAUAAA prior to polyadenylation. It also cleaves after the pre-mRNA sequence ACCCA during histone 3'-end pre-mRNA processing (provided by RefSeq, Oct 2012).

Rabbit anti Human CPSF3 antibody detects a band of 77 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti CPSF3 detects a band of approximately 77 kDa in HeLa cell lysates.

Instructions For Use

Please refer to the [PrecisionAb western blotting protocol](#).

Lysate Composition

400µg HeLa lysate lyophilized in RIPA buffer.

Lysate Reconstitution

- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.

- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.

Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.

Storage

Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.

Guarantee

As supplied, 12 months from date of despatch.

Acknowledgements

PrecisionAb™ is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10045 #10561 available at:

Antibody (10045): <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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