

Datasheet: VPA00440

Description:	RABBIT ANTI FCP1
Specificity:	FCP1
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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.
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH conjugated synthetic peptide corresponding to amino acid 247-276 of human FCP1
External Database Links	UniProt: Q9Y5B0 Related reagents Entrez Gene: 9150 CTDPI Related reagents
Synonyms	FCP1

Specificity	Rabbit anti Human FCP1 antibody recognizes FCP1, also known as RNA polymerase II subunit A C-terminal domain phosphatase, serine phosphatase FCP1a or transcription factor IIF-associating CTD phosphatase 1. The CTDP1 gene encodes a protein which interacts with the carboxy-terminus of the RAP74 subunit of transcription initiation factor TFIIIF, and functions as a phosphatase that processively dephosphorylates the C-terminus of POLR2A (a subunit of RNA polymerase II), making it available for initiation of gene expression. Mutations in CTDP1 are associated with "congenital cataracts, facial dysmorphism and neuropathy syndrome" (CCFDN). Alternatively spliced transcript variants encoding different isoforms have been described for CTDP1 (provided by RefSeq, Feb 2011). Rabbit anti Human FCP1 antibody detects a band of 104 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
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Western Blotting	Anti FCP1 detects a band of approximately 104 kDa in HEK293 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	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 #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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Printed on 01 May 2018