

Datasheet: VPA00440

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|----------------------|------------------------|
| 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 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent 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 | <p>UniProt: Q9Y5B0 Related reagents</p> <p>Entrez Gene: 9150 CTDTP1 Related reagents</p> |
| 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 CTD1 gene encodes a protein which interacts with the carboxy-terminus of the RAP74 subunit of transcription initiation factor TFIIF, and functions as a phosphatase that progressively dephosphorylates the C-terminus of POLR2A (a subunit of RNA polymerase II), making it available for initiation of gene expression. Mutations in CTD1 are associated with "congenital cataracts, facial dysmorphism and neuropathy syndrome" ([CCFDN](#)). Alternatively spliced transcript variants encoding different isoforms have been described for CTD1 (provided by RefSeq, Feb 2011).

Rabbit anti Human FCP1 antibody detects a band of 104 kDa and has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti FCP1 detects a band of approximately 104 kDa in HEK293 cell lysates.

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

Guarantee 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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'M370776:200529'

Printed on 11 Aug 2020

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