

Rabbit CTD1 Polyclonal Antibody | anti-CTDP1 antibody

CTDP1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288092	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CTDP1; Polyclonal Antibody; CTDP1 Antibody (N-term); RNA polymerase II subunit A C-terminal domain phosphatase; TFIIIF-associating CTD phosphatase; FCP1; anti-CTDP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CTDP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-276 amino acids from the N-terminal region of human CTDP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	247-276
Sequence Length	842
Applicable Applications for anti-CTDP1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of WtDr cells using CTDP1 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue with CTDP1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of CTD1 Antibody (N-term) in 293 cell line lysates (35ug/lane). CTD1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CTDP1 antibody	CTDP1 is a protein which interacts with the carboxy-terminus of transcription initiation factor TFIIF, a transcription factor which regulates elongation as well as initiation by RNA polymerase II. The protein may also represent a component of an RNA polymerase II holoenzyme complex.
Product Categories/Family for anti-CTDP1 antibody	Signal Transduction
References	Hirose, Y., Biochem. Biophys. Res. Commun. 369 (2), 449-455 (2008) Abbott, K.L., Biochemistry 44 (8), 2716-2731 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	321267522
NCBI GeneID	9150
NCBI Accession #	NP_001189433.1 ; NP_004706.3 ; NP_430255.2
NCBI GenBank Nucleotide #	NM_001202504.1
UniProt Accession #	Q9Y5B0 ; Q7Z644 ; Q96BZ1 ; Q9Y6F5 ; A8MY97
Molecular Weight	104399
NCBI Official Full Name	RNA polymerase II subunit A C-terminal domain phosphatase isoform 3
NCBI Official Synonym Full Names	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1
NCBI Official Symbol	CTDP1
NCBI Official Synonym Symbols	FCP1; CCFDN
NCBI Protein Information	RNA polymerase II subunit A C-terminal domain phosphatase
UniProt Protein Name	RNA polymerase II subunit A C-terminal domain phosphatase
UniProt Gene Name	CTDP1
UniProt Synonym Gene Names	FCP1
UniProt Entry Name	CTDP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctdp1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288092>