

**AP17253PU-N****Polyclonal Antibody to CTD1 (N-term)**

<b>Alternate names:</b>	FCP1, RNA polymerase II subunit A C-terminal domain phosphatase, TFIIF-associating CTD phosphatase
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q9Y5B0</a>
<b>NCBI:</b>	<a href="#">NP_004706</a>
<b>GeneID:</b>	<a href="#">9150</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	KLH conjugated synthetic peptide selected from the N-terminal region of human CTD1
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Purified through a protein A column, followed by peptide affinity purification <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	Western blot: 1:50 - 1:100. ELISA: 1:1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects CTD1 at N-term.
<b>Species Reactivity:</b>	<b>Tested:</b> Human
<b>Add. Information:</b>	Molecular weight: 104297 Da
<b>Storage:</b>	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Hirose,Y., Biochem. Biophys. Res. Commun. 369 (2), 449-455 (2008). 2. Abbott,K.L., Biochemistry 44 (8), 2716-2731 (2005).

## Pictures:

Western blot analysis of CTD1 Antibody (N-term) (AP17253PU-N) in 293 cell line lysates (35 µg/lane). CTD1 (arrow) was detected using the purified Pab.

