

Cyclin T1 Rabbit mAb

Catalog # AP75317

Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	O60563
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	80685

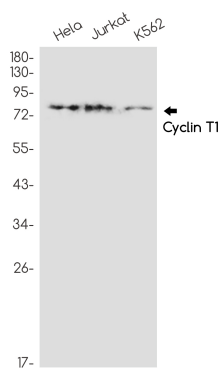
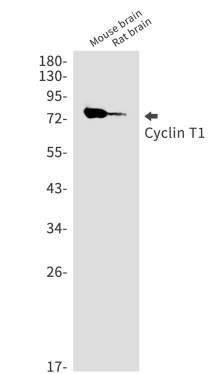
Additional Information

Gene ID	904
Other Names	CCNT1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~N/A ICC~~N/A
Format	Liquid

Protein Information

Name	CCNT1
Function	Regulatory subunit of the cyclin-dependent kinase pair (CDK9/cyclin-T1) complex, also called positive transcription elongation factor B (P-TEFb), which facilitates the transition from abortive to productive elongation by phosphorylating the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNA Pol II) (PubMed: 16109376 , PubMed: 16109377 , PubMed: 30134174 , PubMed: 35393539). Required to activate the protein kinase activity of CDK9: acts by mediating formation of liquid-liquid phase separation (LLPS) that enhances binding of P-TEFb to the CTD of RNA Pol II (PubMed: 29849146 , PubMed: 35393539).
Cellular Location	Nucleus
Tissue Location	Ubiquitously expressed.

Images



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