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Datasheet for ABIN7453624
anti-Cyclin T1 antibody (AA 425-475)

Overview

Quantity:	20 µg
Target:	Cyclin T1 (CCNT1)
Binding Specificity:	AA 425-475
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin T1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-Cyclin T1 Antibody, Affinity Purified
Immunogen:	between AA 425 and 475
Isotype:	IgG
Predicted Reactivity:	Bovine,Horse,Chimpanzee
Purification:	Affinity Purified

Target Details

Target:	Cyclin T1 (CCNT1)
Alternative Name:	Cyclin T1 (CCNT1 Products)

Target Details

Background: Background: Cyclin T1 is a regulatory subunit of the cyclin-dependent kinase pair (CDK9/cyclin-T1) complex, also called positive transcription elongation factor B (P-TEFb), which is proposed to facilitate the transition from abortive to productive elongation by phosphorylating the CTD (carboxy-terminal domain) of the large subunit of RNA polymerase II (RNA Pol II). In case of HIV or SIV infections, Cyclin T1 binds to the transactivation domain of the viral nuclear transcriptional activator, Tat, thereby increasing Tat's affinity for the transactivating response RNA element (TAR RNA) [taken from the Universal Protein Resource (UniProt) O60563].

Gene ID: 904

NCBI Accession: [NP_001231](#)

UniProt: [O60563](#)

Application Details

Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months