

Datasheet for ABIN3022810
anti-Cyclin T1 antibody (AA 220-320)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Cyclin T1 (CCNT1)
Binding Specificity:	AA 220-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin T1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 220-320 of human Cyclin T1 (NP_001231.2).
Sequence:	HWWEYVDATV TLELLDELTH EFLQILEKTP NRLKRIWNWR ACEAAKTKA DDRGTDEKTS EQTILNMISQ SSSDTTIAGL MSMSTSTTSA VPSLPVSEES S
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

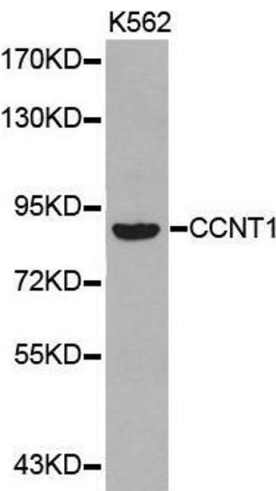
Target:	Cyclin T1 (CCNT1)
Alternative Name:	CCNT1 (CCNT1 Products)
Background:	<p>This gene encodes a member of the highly conserved cyclin C subfamily. The encoded protein tightly associates with cyclin-dependent kinase 9, and is a major subunit of positive transcription elongation factor b (p-TEFb). In humans, there are multiple forms of positive transcription elongation factor b, which may include one of several different cyclins along with cyclin-dependent kinase 9. The complex containing the encoded cyclin and cyclin-dependent kinase 9 acts as a cofactor of human immunodeficiency virus type 1 (HIV-1) Tat protein, and is both necessary and sufficient for full activation of viral transcription. This cyclin and its kinase partner are also involved in triggering transcript elongation through phosphorylation of the carboxy-terminal domain of the largest RNA polymerase II subunit. Overexpression of this gene is implicated in tumor growth. Alternative splicing results in multiple transcript variants.,CCNT1,CCNT,CYCT1,HIVE1,cyclin-T1,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Cell Cycle,Cyclins,Immunology & Inflammation,CCNT1</p>
Molecular Weight:	21 kDa/80 kDa
Gene ID:	904
UniProt:	O60563

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of K562 cell lines, using CCNT1 antibody.