

Datasheet for ABIN6136987
anti-APITD1 antibody (AA 1-138)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	APITD1
Binding Specificity:	AA 1-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APITD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-138 of human APITD1 (NP_954988.1).
Sequence:	MEEEAETEEQ QRFSYQQLK AAVHYTVGCL CEEVALDKEM QFSKQTIAAI SELTFRQCEN FAKDLEMFAR HAKRTTINTE DVKLLARRSN SLLKYITDKS EEIAQINLER KAQKKKKSED GSKNSRQPAE AGVVESEN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	APITD1
Alternative Name:	APITD1 (APITD1 Products)
Background:	<p>This gene was identified in the neuroblastoma tumor suppressor candidate region on chromosome 1p36. It contains a TFIID-31 domain, similar to that found in TATA box-binding protein-associated factor, TAF(II)31, which is required for p53-mediated transcription activation. This gene was expressed at very low levels in neuroblastoma tumors, and was shown to reduce cell growth in neuroblastoma cells, suggesting that it may have a role in a cell death pathway. The protein is a component of multiple complexes, including the Fanconi anemia (FA) core complex, the APITD1/CENPS complex, and the CENPA-CAD (nucleosome distal) complex. Known functions include an involvement with chromatin associations of the FA core complex, and a role in the stable assembly of the outer kinetochore. Alternative splicing of this gene results in multiple transcript variants. Naturally occurring read-through transcripts also exist between this gene and the downstream cortistatin (CORT) gene, as represented in GenelD:100526739. An APITD1-related pseudogene has been identified on chromosome 7.,CENPS,APITD1,CENP-S,FAAP16,MHF1,Cell Biology & Developmental Biology,Cell Cycle,Centromere,APITD1</p>
Molecular Weight:	9 kDa/15 kDa/19 kDa
Gene ID:	378708
UniProt:	Q8N2Z9

Application Details

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

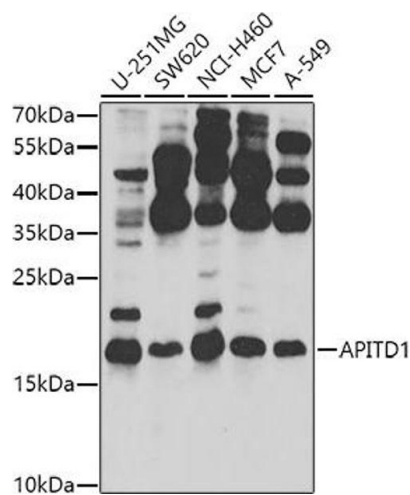
Handling

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

Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using antibody (ABIN6132149, ABIN6136987, ABIN6136988 and ABIN6224308) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.