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Datasheet for ABIN6138617  
**anti-CIAO1 antibody (AA 1-339)**

1 Image

Overview

Quantity:	100 µL
Target:	CIAO1
Binding Specificity:	AA 1-339
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIAO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-339 of human CIAO1 (NP_004795.1).
Sequence:	MKDSLVLGGR VPAHPDSRCW FLAWNPAGTL LASC GGDRRI RIWGTEGDSW ICKSVLSEGH QRTVRKVAWS PCGNYLASAS FDATTCIWKK NQDDFECVTT LEGHENEVKS VAWAPSGNLL ATCSRDKSVW VWEVDEEDEY ECVSVLNSHT QDVKHVVWHP SQELLASASY DDTVKLYREE EDDWVCCATL EGHESTVWSL AFDPSGQRLA SCSDDRTVRI WRQYLPGNEQ GVACSGSDPS WKCICTLSGF HSRTIYDIAW CQLTGALATA CGDDAIRVFQ EDPNSDPQQP TFSLTAHLHQ AHSQDVNCVA WNPKEPGLLA SCSDDGEVAF WKYQRPEGL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: CIAO1

Alternative Name: CIAO1 ([CIAO1 Products](#))

Background: Key component of the cytosolic iron-sulfur protein assembly (CIA complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins. As a CIA complex component, interacts specifically with CIAO2A or CIAO2B and MMS19 to assist different branches of iron-sulfur protein assembly, depending of its interactors. The complex CIAO1:CIAO2B:MMS19 binds to and facilitates the assembly of most cytosolic-nuclear Fe/S proteins. CIAO1:CIAO2A specifically matures ACO1 and stabilizes IREB2. Seems to specifically modulate the transactivation activity of WT1. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation.,CIAO1,CIA1,WDR39,Epigenetics & Nuclear Signaling,CIAO1

Molecular Weight: 37 kDa

Gene ID: 9391

UniProt: [076071](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

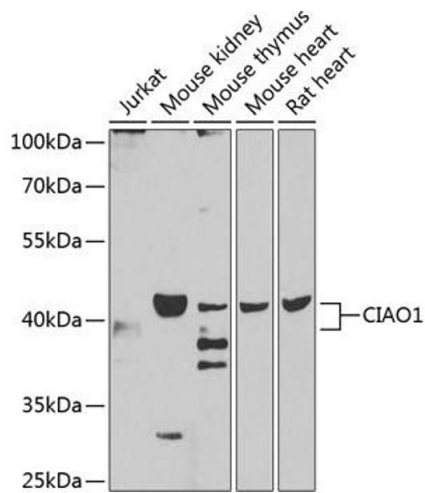
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

## Handling

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 CI antibody (ABIN6130236, ABIN6138617, ABIN6138618 and ABIN6223206) 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 Enhanced Kit (RM00021). Exposure time: 90s.