

Datasheet for ABIN2775775
anti-CIAO1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CIAO1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIAO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human WDR39
Sequence:	LSGFHSRTIY DIAWCQLTGA LATACGDDAI RVFQEDPNSD PQQPTFSLTA
Predicted Reactivity:	Cow: 86%, Dog: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against WDR39. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	CIAO1
Alternative Name:	WDR39 (CIAO1 Products)

Target Details

Background: WDR39 is a member of the WD40 family of proteins. WDR39 specifically interacts with WT1 both in vitro and in vivo. This interaction results in a decrease in transcriptional activation mediated by WT1. WDR39 does not inhibit binding of WT1 to its consensus nucleotide sequence and does not affect the repression activity of WT1. Thus, WDR39 appears to specifically modulate the transactivation activity of WT1 and may function to regulate the physiological functions of WT1 in cell growth and differentiation.

Alias Symbols: CIAO1, CIA1, WDR39

Protein Interaction Partner: FAM96B, SF1, MEOX1, FAM96A, MMS19, FMNL2, TOE1, DPP9, FMNL3, CTU1, PPIL4, MAK16, WDR75, NSRP1, EEPD1, WDR61, CDC73, UPF3B, NARFL, YAE1D1, TYW1, ELP2, ELP3, UCKL1, CDKAL1, DPP8, ELP6, PAF1, PLEKHA5, PHAX, RTEL1, ELP4, POLA2, ELP5, WDR43, ERP29, GLRX3, CTR9

Protein Size: 339

Molecular Weight: 38 kDa

Gene ID: 9391

NCBI Accession: [NM_004804](#), [NP_004795](#)

UniProt: [O76071](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 339 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

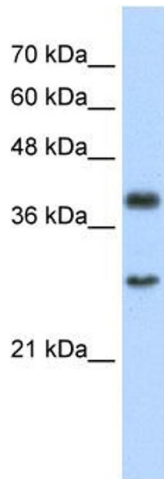
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

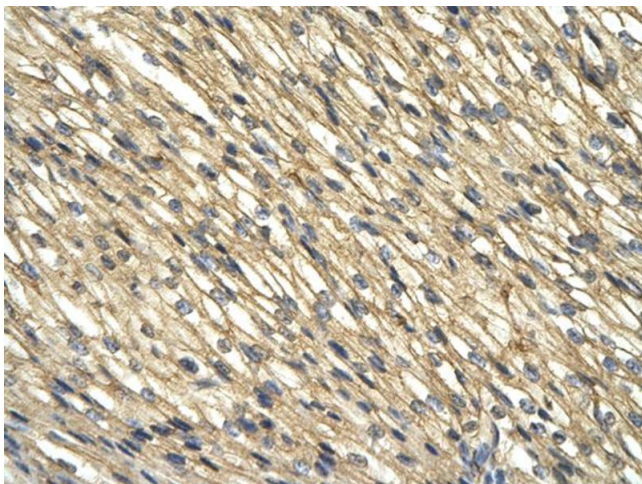
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-WDR39 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate CIAO1 is supported by BioGPS gene expression data to be expressed in Jurkat



Immunohistochemistry

Image 2. Rabbit Anti-WDR39 antibody Paraffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X