

Datasheet for ABIN2780620
anti-CIAO1 antibody (N-Term)



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1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Mouse Ciao1
Sequence:	MKDSLVLQSR VPAHPDSRCW FLAWNPSGTL LASC GGDRKI RIWGTEGDSW
Predicted Reactivity:	Cow: 79%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 79%, Rabbit: 93%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against Ciao1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CIAO1
Alternative Name:	Ciao1 (CIAO1 Products)

Target Details

Background:	Ciao1 is an essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. It is required for the maturation of extramitochondrial Fe/S proteins. 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. Alias Symbols: AW210570, Wdr39 Protein Interaction Partner: Iqcb1, Protein Size: 339
Molecular Weight:	38 kDa
Gene ID:	26371
NCBI Accession:	NM_025296 , NP_079572
UniProt:	Q99KN2

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.
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.

Western Blotting

Image 1. WB Suggested Anti-Ciao1 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Stomach

