

Ciao1 Antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI12072

Product Information

Application WB
Primary Accession Q99KN2

Other Accession <u>NM_025296</u>, <u>NP_079572</u>

ReactivityHuman, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine **Predicted**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 37633

Additional Information

Gene ID 26371

Alias Symbol AW210570, Wdr39

Other Names Probable cytosolic iron-sulfur protein assembly protein CIAO1

{ECO:0000255 | HAMAP-Rule:MF_03037}, WD repeat-containing protein 39

{ECO:0000255|HAMAP-Rule:MF_03037}, Ciao1 {ECO:0000255|HAMAP-Rule:MF_03037}, Wdr39

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-Ciao1 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions Ciao1 Antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name Ciao1 {ECO:0000255 | HAMAP-Rule:MF_03037}

Synonyms Wdr39

Function 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 (By similarity). 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

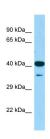
interactors. The complex CIAO1:CIAO2B:MMS19 binds to and facilitates the

assembly of most cytosolic-nuclear Fe/S proteins. CIAO1:CIAO2A specifically matures ACO1 and stabilizes IREB2 (By similarity). 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 (By similarity).

Cellular Location

Cytoplasm {ECO:0000250 | UniProtKB:O76071}.

Images



WB Suggested Anti-Ciao1 Antibody Titration: 1.0 μg/ml Positive Control: Mouse Stomach

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.