10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Ciao1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12072

Product Information

Application	WB
Primary Accession	Q99KN2
Other Accession	NM_025296, NP_079572
Reactivity	Human, 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.

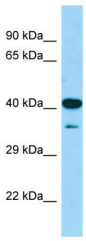
Protein Information

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'.