



CIAO1 mouse mAb

Catalog No	YP-mAb-18156
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CIAO1 WDR39
Immunogen	Synthesized peptide derived from human CIAO1
Specificity	This antibody detects endogenous levels of CIAO1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CIAO1;CIAO1 WDR39;Probable cytosolic iron-sulfur protein assembly protein CIAO1 (WD repeat-containing protein 39)
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cytoplasm .
Tissue Specificity	
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 . 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 .



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images