

Datasheet for ABIN5541220
anti-CIAO1 antibody (AA 1-339)



[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	CIAO1
Binding Specificity:	AA 1-339
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CIAO1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human CIAO1 (1-339aa) purified from E. coli
Clone:	AT6C9
Isotype:	IgG1
Purification:	Protein-A affinity chromatography

Target Details

Target:	CIAO1
Alternative Name:	wdr39,ciao1 (CIAO1 Products)
Background:	CIAO1 is a essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. It is a multiprotein complex that mediates the incorporation of iron-sulfur cluster into

Target Details

extramitochondrial Fe/S proteins. CIAO1 seems to specifically modulate the transactivation activity of WT1 and may function to regulate the physiological functions of WT1 in cell growth and differentiation. As part of the mitotic spindle-associated MMXD complex, it may play a role in chromosome segregation.

UniProt: [O76071](#)

Application Details

Application Notes: The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4 containing 0.02 % Sodium Azide and 10 % Glycerol

Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months