

Allgemeine Informationen

Katalog-Nr.: 10295-1-AP	GenBank-Zugangsnummer: BC001395	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 350 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 9391	Empfohlene Verdünnungen: WB 1:1000-1:8000 IHC 1:50-1:500 IF 1:10-1:100
Wirt: Kaninchen	Vollständiger Name: cytosolic iron-sulfur protein assembly 1 homolog (S. cerevisiae)	
Isotyp: IgG	Berechnete Masse: 38 kDa	
Immunogen Katalognummer: AG0349	Beobachtete Masse: 48-55 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : HepG2-Zellen, PC-3-Zellen
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Dünndarmgewebe, humanes Hodengewebe
	IF : HepG2-Zellen,

Hintergrundinformationen

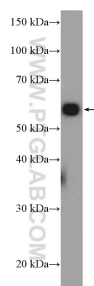
CIAO1, also named as CIA1 or WDR39, is a essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. CIAO1 seems to specifically modulate the transactivation activity of WT1 and may function to regulate the physiological functions of WT1 in cell growth and differentiation. It may also play a role in chromosome segregation. The predicted MW of this protein is 38 kDa. 10295-1-AP detected 48-55 kDa band because of phosphorylation. And 10295-1-AP do well in IHC and IF detection.

Lagerung

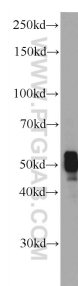
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

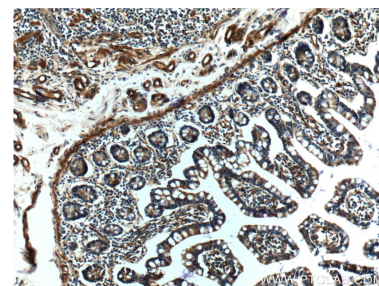
Ausgewählte Validierungsdaten



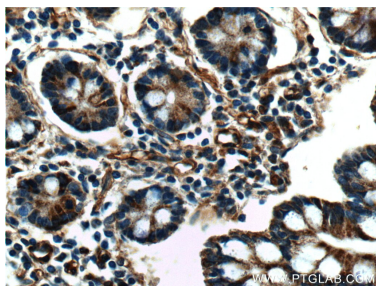
HepG2 cells were subjected to SDS PAGE followed by western blot with 10295-1-AP (CIAO1 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



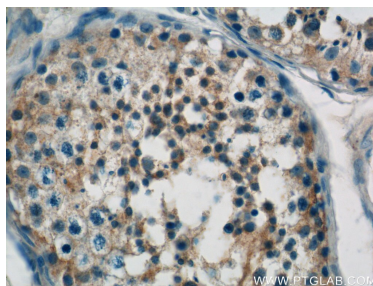
PC-3 cells were subjected to SDS PAGE followed by western blot with 10295-1-AP (CIAO1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



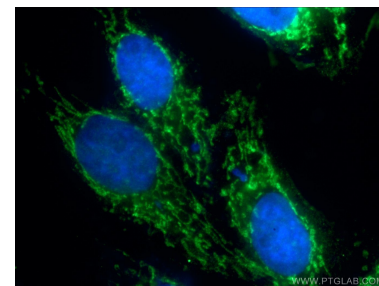
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10295-1-AP (CIAO1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10295-1-AP (CIAO1 Antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 10295-1-AP (CIAO1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 10295-1-AP (CIAO1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).