

Rabbit CIAO1 Polyclonal Antibody | anti-CIAO1 antibody

CIAO1 Antibody (Center)

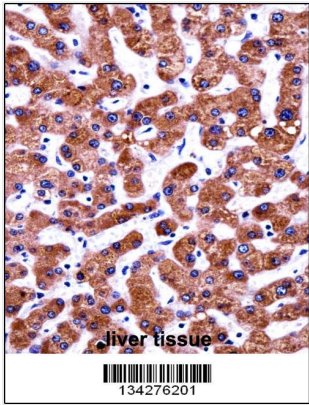
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286265	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

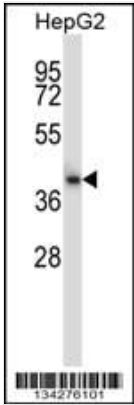
CIAO1; Polyclonal Antibody; CIAO1 Antibody (Center); Probable cytosolic iron-sulfur protein assembly protein CIAO1 {ECO:0000255|HAMAP-Rule:MF_03037}; WD repeat-containing protein 39 {ECO:0000255|HAMAP-Rule:MF_03037}; CIAO1 {ECO:0000255|HAMAP-Rule:MF_03037}; WDR39; anti-CIAO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CIAO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 155-183 amino acids from the Central region of human CIAO1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	155-183
Sequence Length	339
Applicable Applications for anti-CIAO1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
CIAO1 Antibody (Center) (AAA286265)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CIAO1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CIAO1 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CIAO1 antibody detected the CIAO1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CIAO1 antibody	CIAO1 is an essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. Required for the maturation of extramitochondrial Fe/S proteins. Seems to specifically modulate the transactivation activity of WT1.
References	Srinivasan, V., et al. Structure 15(10):1246-1257(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Higa, L.A., et al. Nat. Cell Biol. 8(11):1277-1283(2006) Johnstone, R.W., et al. J. Biol. Chem. 273(18):10880-10887(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757988
NCBI GeneID	9391
NCBI Accession #	NP_004795.1
NCBI GenBank Nucleotide #	NM_004804.2
UniProt Accession #	O76071; Q53FM5; A0MNN9
Molecular Weight	37840
NCBI Official Full Name	probable cytosolic iron-sulfur protein assembly protein CIAO1
NCBI Official Synonym Full Names	cytosolic iron-sulfur assembly component 1
NCBI Official Symbol	CIAO1
NCBI Official Synonym Symbols	CIA1; WDR39
NCBI Protein Information	probable cytosolic iron-sulfur protein assembly protein CIAO1
UniProt Protein Name	Probable cytosolic iron-sulfur protein assembly protein CIAO1
UniProt Gene Name	CIAO1
UniProt Entry Name	CIAO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.