

PCIA1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14094C

Specification

PCIA1 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9BW61
Other Accession	O5U550 , O9D9Z5 , O7T2A3 , O5ZK14 , O5E9A9 , NP_076955.1
Reactivity	Human
Predicted	Bovine, Chicken, Zebrafish, Mouse, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	11-40

PCIA1 Antibody (Center) - Additional Information

Gene ID 79016

Other Names

DET1- and DDB1-associated protein 1, Placenta cross-immune reaction antigen 1, PCIA-1, DDA1, C19orf58, PCIA1

Target/Specificity

This PCIA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-40 amino acids from the Central region of human PCIA1.

Dilution

WB~~1:300

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PCIA1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PCIA1 Antibody (Center) - Protein Information

Name DDA1 {ECO:0000303|PubMed:17452440, ECO:0000312|HGNC:HGNC:28360}

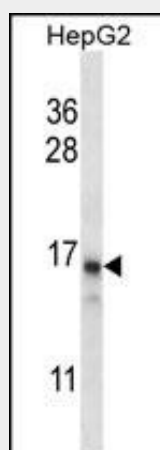
Function Functions as a component of numerous distinct DCX (DDB1-CUL4- X-box) E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:[17452440](#), PubMed:[28302793](#), PubMed:[28437394](#), PubMed:[31686031](#), PubMed:[31819272](#)). In the DCX complexes, acts as a scaffolding subunit required to stabilize the complex (PubMed:[31686031](#), PubMed:[31819272](#)).

PCIA1 Antibody (Center) - Protocols

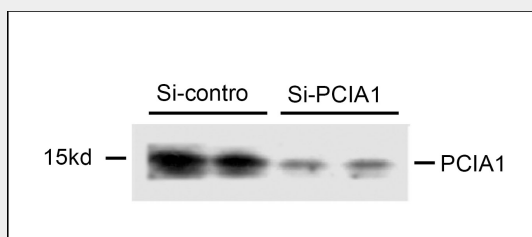
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

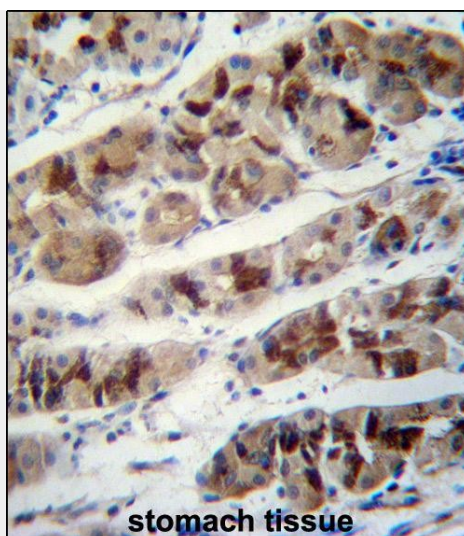
PCIA1 Antibody (Center) - Images



PCIA1 Antibody (Center) (Cat. #AP14094c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the PCIA1 antibody detected the PCIA1 protein (arrow).



Western blot analysis of extracts from 293T cells that were transfected with si-control or transfected si-PCIA1, using rabbit polyclonal PCIA1 Antibody (Center) (Cat. #AP14094c).



PCIA1 Antibody (Center) (Cat. #AP14094c) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PCIA1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

PCIA1 Antibody (Center) - Background

PCIA1 may be involved in ubiquitination and subsequent proteasomal degradation of target proteins. Component of the DDD-E2 complexes which may provide a platform for interaction with CUL4A and WD repeat proteins.

PCIA1 Antibody (Center) - References

Olma, M.H., et al. J. Cell. Sci. 122 (PT 7), 1035-1044 (2009) :
Pick, E., et al. Mol. Cell. Biol. 27(13):4708-4719(2007)
Li, Z.M., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 24(3):279-283(2007)

PCIA1 Antibody (Center) - Citations

- [Restriction of hepatitis B virus replication by c-Abl-induced proteasomal degradation of the viral polymerase.](#)