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PCIA1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14094C

Specification

PCIA1 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9BW61
Other Accession	Q5U550, Q9D9Z5, Q7T2A3, Q5ZK14, Q5E9A9, 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

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}

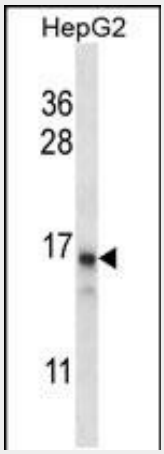
Function Functions as a component of numerous distinct DCX (DDB1-CUL4- X-box) E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:17452440, PubMed:28437394, PubMed:28302793, PubMed:31686031, PubMed:31819272). In the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

PCIA1 Antibody (Center) - Protocols

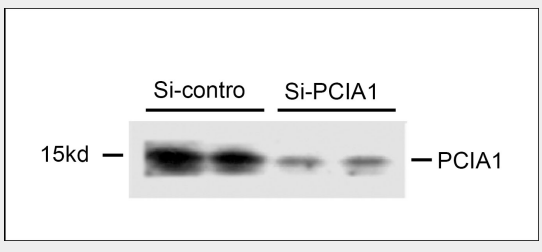
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PCIA1 Antibody (Center) - Images

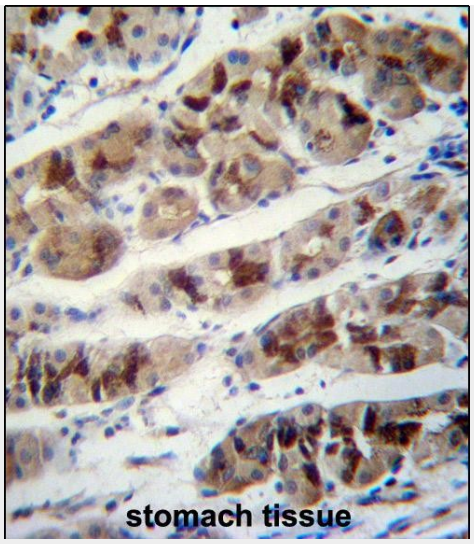


PCIA1 Antibody (Center) (Cat. #AP14094c) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the PCIA1 antibody detected the PCIA1 protein (arrow).



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).

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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.