

# PCIA1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP14094C

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q9BW61</a>
<b>Other Accession</b>	<a href="#">Q5U550</a> , <a href="#">Q9D9Z5</a> , <a href="#">Q7T2A3</a> , <a href="#">Q5ZK14</a> , <a href="#">Q5E9A9</a> , <a href="#">NP_076955.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine, Chicken, Zebrafish, Mouse, Xenopus
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB18541
<b>Calculated MW</b>	11835
<b>Antigen Region</b>	11-40

## Additional Information

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<b>Gene ID</b>	79016
<b>Other Names</b>	DET1- and DDB1-associated protein 1, Placenta cross-immune reaction antigen 1, PCIA-1, DDA1, C19orf58, PCIA1
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	PCIA1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DDA1 {ECO:0000303   PubMed:17452440, ECO:0000312   HGNC:HGNC:28360}
<b>Function</b>	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](#)).

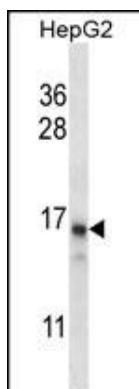
## Background

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.

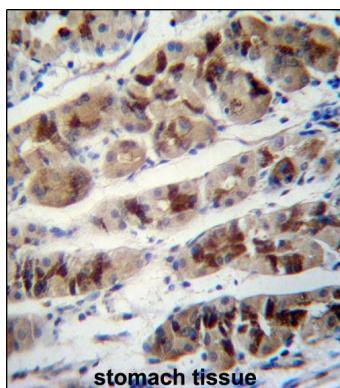
## References

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)

## 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).



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.

## Citations

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.