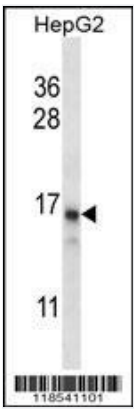
PCIA1 Antibody – Rabbit Polyclonal

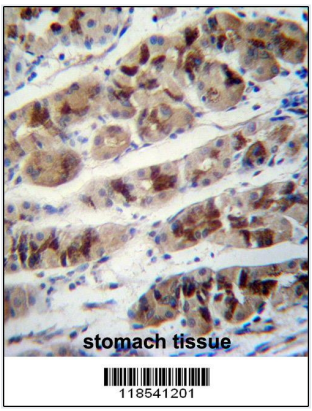
PRODUCT OVERVIEW

Product Name	PCIA1, Polyclonal Antibody
Full Product Name	PCIA1, ID (DDA1, C19orf58, PCIA1, DET1-and DDB1-associated protein 1, Placenta cross-immune reaction antigen 1) (Azide free) (HRP)
Product Gene Name	anti-PCIA1 antibody
Product Synonym Gene Name	DDA1
Product Synonym Names	DDA1; C19orf58; PCIA1; DET1-and DDB1-associated protein 1; Placenta cross-immune reaction antigen 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	11,835 Da
3D Structure	ModBase 3D Structure for Q9BW61
Immunogen	PCIA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-40 amino acids from the Central region of human PCIA1.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-PCIA1 antibody	Antibodies; DNA Replication; Repair
Applications Tested/Suitable for anti-PCIA1 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-PCIA1 antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-PCIA1 antibody	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.
Product References and Citations for anti-PCIA1 antibody	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).
Other Notes	Small volumes of anti-PCIA1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for PCIA1 purchase	MBS6331785 is an antibody targeting PCIA1. Also known as PCIA1, ID (DDA1, C19orf58, PCIA1, DET1-and DDB1-associated protein 1, Placenta cross-immune reaction antigen 1) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-PCIA1 antibody
PCIA1 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the PCIA1 antibody detected the PCIA1 protein (arrow).



Immunohistochemistry (IHC) of anti-PCIA1 antibody
PCIA1 Antibody (Center) 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PCIA1. It may not necessarily be applicable to this product.

NCBI GI #	13129016
NCBI GeneID	79016
NCBI Accession #	NP_076955.1
UniProt Primary Accession #	Q9BW61
UniProt Related Accession #	Q9BW61
GenBank Nucleotide #	NM_024050.5
NCBI Official Full Name	DET1- and DDB1-associated protein 1
NCBI Official Synonym Full Names	DET1 and DDB1 associated 1
NCBI Official Symbol	DDA1
NCBI Official Synonym Symbols	PCIA1; C19orf58
UniProt Protein Name	DET1- and DDB1-associated protein 1
UniProt Synonym Protein Names	Placenta cross-immune reaction antigen 1; PCIA-1
UniProt Gene Name	DDA1
UniProt Synonym Gene Names	C19orf58; PCIA1; PCIA-1
UniProt Entry Name	DDA1_HUMAN
NCBI Protein Information	DET1- and DDB1-associated protein 1; PCIA-1; cross-immune reaction antigen PCIA1; placenta cross-immune reaction antigen 1
UniProt Comments for PCIA1	DDA1: 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. Belongs to the DDA1 family. Protein type: Ubiquitin conjugating system; Autophagy Chromosomal Location of Human Ortholog: 19p13.11

Research Articles on PCIA1	**1.** Cells depleted of Dda1 spontaneously accumulated double-stranded DNA breaks in a similar way to Cul4A-, Cul4B- or Wdr23-depleted cells, indicating that Dda1 interacts physically and functionally with cullin-RING E3 ligases complexes.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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