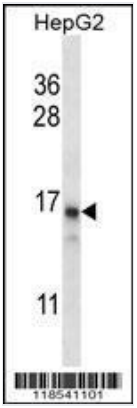
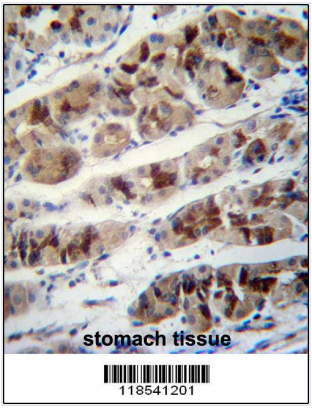
PCIA1 (DDA1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PCIA1 (DDA1), Polyclonal Antibody
Full Product Name	PCIA1, ID (DDA1, C19orf58, PCIA1, DET1- and DDB1-associated protein 1, Placenta cross-immune reaction antigen 1)
Product Gene Name	anti-DDA1 antibody
Product Synonym Names	Anti -PCIA1, ID (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, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	11,835 Da
Chromosome Location	Chromosome: 7; AC_000164.1 (5729333..5739114, complement). Location: chromosome: 7
3D Structure	ModBase 3D Structure for Q5E9A9
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.
Product Categories/Family for anti-DDA1 antibody	Antibodies; Abs to DNA Replication; Repair
Applications Tested/Suitable for anti-DDA1 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-DDA1 antibody	Suitable for use in Western Blot, Immunohistochemistry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:10-50
Related Product Information for anti-DDA1 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.
Other Notes	Small volumes of anti-DDA1 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 DDA1 purchase	MBS646894 is an antibody targeting DDA1. Also known as PCIA1, ID (DDA1, C19orf58, PCIA1, DET1- and DDB1-associated protein 1, Placenta cross-immune reaction antigen 1). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-DDA1 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-DDA1 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 DDA1. It may not necessarily be applicable to this product.

NCBI GI #	528954477
NCBI GeneID	512898
NCBI Accession #	XP_005208557.1
UniProt Primary Accession #	Q5E9A9
UniProt Related Accession #	Q5E9A9
GenBank Nucleotide #	XM_005208500.1
NCBI Official Full Name	DET1- and DDB1-associated protein 1 isoform X1
NCBI Official Synonym Full Names	DET1 and DDB1 associated 1
NCBI Official Symbol	DDA1
NCBI Official Synonym Symbols	PCIA1
UniProt Protein Name	DET1- and DDB1-associated protein 1
Protein Family	DET1- and DDB1-associated protein
UniProt Gene Name	DDA1
UniProt Entry Name	DDA1_BOVIN
NCBI Protein Information	DET1- and DDB1-associated protein 1; cross-immune reaction antigen PCIA1
UniProt Comments for DDA1	Function: 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 By similarity. Subunit structure: Part of the DDD core complex containing DET1, DDA1 and DDB1. The DDD core complex recruits a specific UBE2E enzyme, such as UBE2E1, UBE2E2 UBE2E3, to form specific DDD-E2 complexes By similarity. Sequence similarities: Belongs to the DDA1 family.

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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