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PCIA1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14094c

Specification

PCIA1 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9BW61

PCIA1 Antibody (Center) Blocking peptide - 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
The synthetic peptide sequence used to generate the antibody AP14094c was selected from the Center region of PCIA1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PCIA1 Antibody (Center) Blocking peptide - 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).

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PCIA1 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

PCIA1 Antibody (Center) Blocking peptide - Images

PCIA1 Antibody (Center) Blocking peptide - 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) Blocking peptide - 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)