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PDS5A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16439b

Specification

PDS5A Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q29RF7
Other Accession	NP_001093869.1, NP_001093870.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**150830**
Antigen Region	**1309-1337**

PDS5A Antibody (C-term) - Additional Information

Gene ID 23244

Other Names
Sister chromatid cohesion protein PDS5 homolog A, Cell proliferation-inducing gene 54 protein, Sister chromatid cohesion protein 112, SCC-112, PDS5A (HGNC:29088)

Target/Specificity
This PDS5A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1309-1337 amino acids from the C-terminal region of human PDS5A.

Dilution
WB~~1:1000

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
PDS5A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDS5A Antibody (C-term) - Protein Information

Name PDS5A (HGNC:29088)

Function Probable regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.

Cellular Location
Nucleus. Note=Associated with chromatin through most of the cell cycle. Dissociates from chromatin in late prophase, reassociates during late telophase.

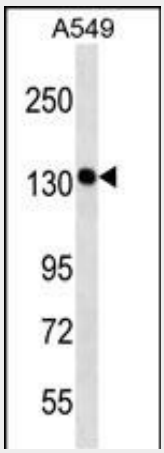
Tissue Location
Highest level in colon. Low levels in lung, ovary, breast and kidney. Reduced level in renal tumor tissue. Isoform 2 is expressed in kidney.

PDS5A Antibody (C-term) - 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

PDS5A Antibody (C-term) - Images



PDS5A Antibody (C-term) (Cat. #AP16439b) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the PDS5A antibody detected the PDS5A protein (arrow).

PDS5A Antibody (C-term) - Background

PDS5A may contribute to regulation of sister chromatid cohesion during mitosis.