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PDS5A Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16439b

Specification

PDS5A Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q29RF7

PDS5A Antibody (C-term) Blocking Peptide - 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)

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.

PDS5A Antibody (C-term) Blocking Peptide - 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.

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PDS5A Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PDS5A Antibody (C-term) Blocking Peptide - Images

PDS5A Antibody (C-term) Blocking Peptide - Background

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