

PDS5B Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21942b

Specification

PDS5B Antibody (C-Term) - Product Information

Application	WB,E
Primary Accession	Q9NTI5
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	164667

PDS5B Antibody (C-Term) - Additional Information

Gene ID 23047

Other Names

Sister chromatid cohesion protein PDS5 homolog B, Androgen-induced proliferation inhibitor, Androgen-induced prostate proliferative shutoff-associated protein AS3, PDS5B

Target/Specificity

This PDS5B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1197-1228 amino acids from human PDS5B.

Dilution

WB~~1:2000

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

PDS5B Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDS5B Antibody (C-Term) - Protein Information

Name PDS5B

Function 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. Plays a role in androgen-induced proliferative arrest in prostate cells.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q6TRW4}.

Tissue Location

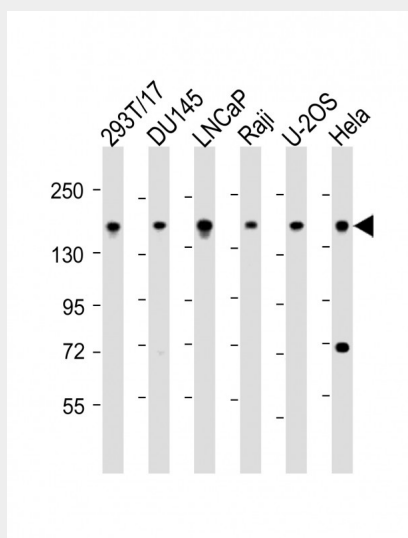
Widely expressed..

PDS5B 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 Cytometry](#)
- [Cell Culture](#)

PDS5B Antibody (C-Term) - Images



All lanes : Anti-PDS5B Antibody (C-Term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: DU145 whole cell lysate Lane 3: LNCaP whole cell lysate Lane 4: Raji whole cell lysate Lane 5: U-2OS whole cell lysate Lane 6: HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 165 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

PDS5B Antibody (C-Term) - Background

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. Plays a role in androgen-induced proliferative arrest in prostate cells.

PDS5B Antibody (C-Term) - References

Geck P.,et al.J. Steroid Biochem. Mol. Biol. 63:211-218(1997).
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Nagase T.,et al.DNA Res. 6:63-70(1999).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).