10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PDS5B Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21942b

Product Information

Application	WB, E
Primary Accession	Q9NTI5
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54515
Calculated MW	164667

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 E~~Use at an assay dependent concentration.
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.

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..

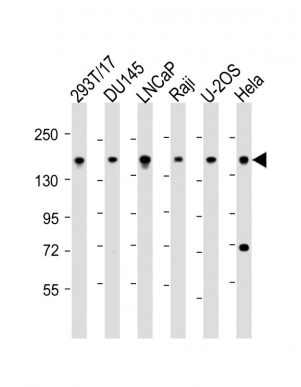
Background

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.

References

Geck P.,et al.J. Steroid Biochem. Mol. Biol. 63:211-218(1997).
Geck P.,et al.J. Steroid Biochem. Mol. Biol. 68:41-50(1999).
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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.