



# PDS5B Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05316
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	PDS5B APRIN AS3 KIAA0979
<b>Protein Name</b>	Sister chromatid cohesion protein PDS5 homolog B (Androgen-induced proliferation inhibitor) (Androgen-induced prostate proliferative shutoff-associated protein AS3)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 90-170
<b>Specificity</b>	PDS5B Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	159kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Widely expressed.
<b>Function</b>	disease:Defects in PDS5B may be the cause of some cancers including esophageal cancer.,function:Plays a role in androgen-induced proliferative arrest in prostate cells. Required for maintenance of sister chromatid cohesion during mitosis.,induction:By the synthetic androgen R1881 in prostate carcinoma cells undergoing proliferative arrest. Maximum levels occur 18-20 hours after androgen exposure.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the PDS5 family.,similarity:Contains 1 HEAT repeat.,similarity:Contains 3 A.T hook DNA-binding domains.,subunit:Interacts with the cohesin complex.,tissue specificity:Widely expressed.,
<b>Background</b>	PDS5 cohesin associated factor B(PDS5B) Homo sapiens This gene encodes a protein that interacts with the conserved protein complex termed cohesin. The cohesin complex holds together sister chromatids and facilitates accurate chromosome segregation during mitosis and meiosis. This protein is also a negative regulator of cell proliferation and may be a tumor-suppressor gene.

[provided by RefSeq, Jul 2015],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images