

TOP2A Polyclonal Antibody

Catalog NumberPA5-27248

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Synthetic peptide corresponding to a region within amino acids 1415 and 1509 of Human Topoisomerase II alpha	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, H1299. Predicted reactivity: Pig (100%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Topo II alpha plays important roles in synthesis and transcription of DNA as well as chromosomal segregation during mitosis. It is reported to be a sensitive and specific marker of late S-, G2 and M-phases in transformed and developmentally regulated normal cellsTopo II alpha is also implicated in drug resistance of tumor cells.

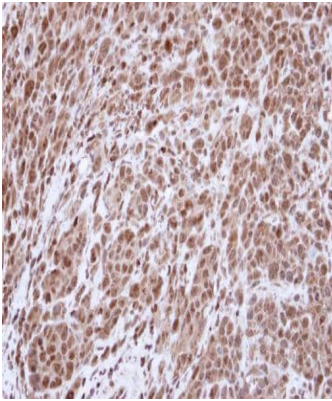
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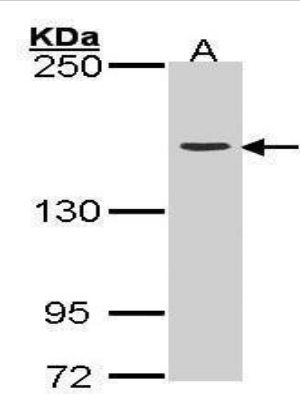
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Product Images For TOP2A Polyclonal Antibody



**TOP2A Antibody (PA5-27248) in IHC (P)**  
Immunohistochemical analysis of paraffin-embedded SAS Xenograft , using Topoisomerase II alpha (Product # PA5-27248) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



**TOP2A Antibody (PA5-27248) in WB**  
Western Blot using TOP2A Polyclonal Antibody (Product # PA5-27248). Sample (30 µg of whole cell lysate). Lane A: H1299 .5% SDS PAGE. TOP2A Polyclonal Antibody (Product # PA5-27248) diluted at 1:3,000.

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