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Datasheet for ABIN7466629

anti-H1 Histone Family, Member N, Testis-Specific (H1FNT) antibody



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Overview			
Quantity:	100 μL		
Target:	H1 Histone Family, Member N, Testis-Specific (H1FNT)		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	Un-conjugated		
Application:	Western Blotting (WB)		
Product Details			
Immunogen:	Recombinant protein encompassing a sequence within the center region of human Testis- specific H1 histone. The exact sequence is proprietary.		
Isotype:	IgG		
Cross-Reactivity:	Human		
Purification:	Purified by antigen-affinity chromatography.		
Target Details			
Target:	H1 Histone Family, Member N, Testis-Specific (H1FNT)		
Alternative Name:	H1 histone family member N, testis specific (H1FNT Products)		
Background:	H1 histone family member N, testis specific, H1.7, H1T2,Essential for normal spermatogenesis and male fertility. Required for proper cell restructuring and DNA condensation during the elongation phase of spermiogenesis. Involved in the histone-protamine transition of sperm		

Target Details

Target Details		
	chromatin and the subsequent production of functional sperm. Binds both double-stranded and single-stranded DNA, ATP and protamine-1.	
Molecular Weight:	28 kDa	
Gene ID:	341567	
UniProt:	Q75WM6	
Application Details		
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.	
	Not tested in other applications.	
Comment:	Positive Control: MCF-7	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage	

multiple freeze-thaw cycles.

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid