

RAD17 Polyclonal Antibody

Catalog Number PA1-22935

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution * 1:500
Type	Antibody	Immunocytochemistry (ICC/IF)	Assay-dependent
Immunogen	Synthetic peptide made to a N-terminal region of human RAD17.	* 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	Affinity chromatography		
Storage buffer	PBS		
Contains	0.01% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-22935 detects Rad17 in Human samples.

Background/Target Information

Rad17 is essential for sustained cell growth, maintenance of chromosomal stability, and ATR-dependent checkpoint activation upon DNA damage. It has a weak ATPase activity required for binding to chromatin. Rad17 also participates in the recruitment of the RAD1-RAD9-HUS1 complex and RHNO1 onto chromatin, and in CHEK1 activation. May also serve as a sensor of DNA replication progression, and may be involved in homologous recombination.

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