

Product datasheet for **TA329154**

RAD17 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse, Xenopus
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RAD17 antibody: synthetic peptide directed towards the N terminal of human RAD17. Synthetic peptide located within the following region: MNQVTDWVDPSEDFLECSGVSTITATSLGVNNSHRRKNGPSTLESSRF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	76 kDa
Gene Name:	RAD17 checkpoint clamp loader component
Database Link:	NP_002864 Entrez Gene 19356 Mouse Entrez Gene 5884 Human O75943
Background:	RAD17 is highly similar to the gene product of Schizosaccharomyces pombe rad17, a cell cycle checkpoint gene required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein shares strong similarity with DNA replication factor C (RFC), and can form a complex with RFCs. This protein binds to chromatin prior to DNA damage and is phosphorylated by ATR after the damage. This protein recruits the RAD1-RAD9-HUS1 checkpoint protein complex onto chromatin after DNA damage, which may be required for its phosphorylation.



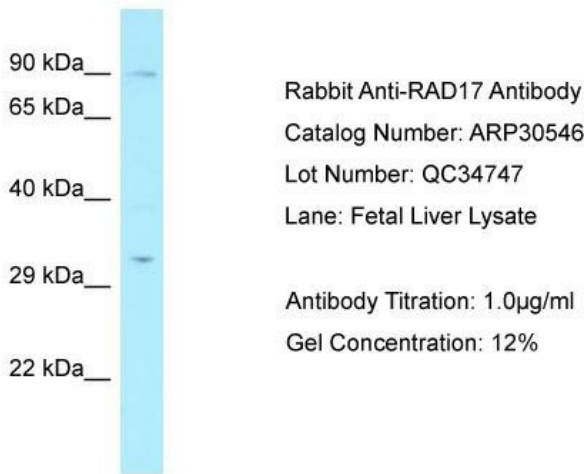
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Synonyms: CCYC; HRAD17; R24L; RAD17SP; RAD24

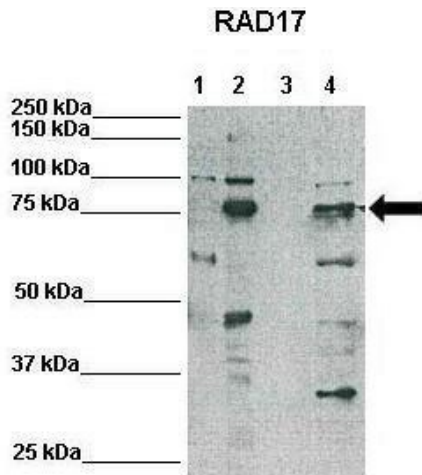
Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Human: 100%; Rabbit: 100%; Horse: 92%; Rat: 89%; Bovine: 89%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-RAD17 Antibody Titration: 1 ug/ml; Positive Control: Fetal liver cell lysate



WB Suggested Anti-RAD17 Antibody ; Positive Control: Lane 1: 25ug HeLa lysate, Lane 2: 25ug Xenopus laevis egg extract, Lane 3: 25ug mouse embryonic stem cell lysate, Lane 4: 25ug HEK293T lysate; Primary Antibody Dilution : 1:500; Secondary Antibody : Anti-rabbit-HRP; Secondary Antibody Dilution : 1:3000; Submitted by: Domenico Maiorano, Institute of Human Genetics, CNRS