

Rabbit RAD17 Polyclonal Antibody | anti-RAD17 antibody

RAD17 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197106	Rabbit	Cow, Dog, Horse, Human, Pig, Rabbit, Rat	Western Blot

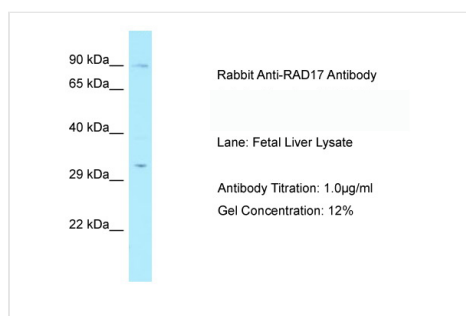
PRODUCT SYNONYMS

RAD17; Polyclonal Antibody; RAD17 antibody - N-terminal region; anti-RAD17 antibody

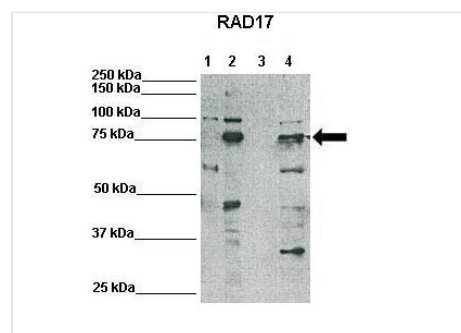
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MN QVTDWVDPSP DDFLECSGVS TITATSLGVN NSSHRRKNGP STLESSRF
Sequence Length	670
Applicable Applications for anti-RAD17 antibody	WB (Western Blot)
Homology	Cow: 89%; Dog: 100%; Horse: 92%; Human: 100%; Pig: 100%; Rabbit: 100%; Rat: 89%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RAD17
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

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


WB (Western Blot)

WB Suggested Anti-RAD17 Antibody Positive Control: Lane1: 25 µg HeLa lysate, Lane2: 25 µg Xenopus laevis egg extract, Lane3: 25 µg mouse embryonic stem cell lysate, Lane4: 25 µg 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

ADDITIONAL INFORMATION

Related Product Information for anti-RAD17 antibody	This is a rabbit polyclonal antibody against RAD17. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-RAD17 antibody	Polyclonal; Developmental Biology; Various; E3 & Ubiquitin; DNA Repair; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506383
NCBI GeneID	5884
NCBI Accession #	NP_002864
NCBI GenBank Nucleotide #	NM_002873
UniProt Accession #	O75943
Molecular Weight	76kDa
NCBI Official Full Name	cell cycle checkpoint protein RAD17 isoform 1
NCBI Official Synonym Full Names	RAD17 checkpoint clamp loader component
NCBI Official Symbol	RAD17
NCBI Official Synonym Symbols	CCYC; R24L; RAD24; HRAD17; RAD17SP
NCBI Protein Information	cell cycle checkpoint protein RAD17
UniProt Protein Name	Cell cycle checkpoint protein RAD17
UniProt Gene Name	RAD17
UniProt Synonym Gene Names	R24L; hRad17
UniProt Entry Name	RAD17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.