

Goat anti-Human Rad17 Polyclonal Antibody | anti-RAD17 antibody

Goat anti-Rad17 Antibody, Affinity Purified

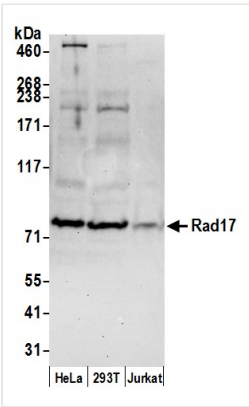
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213418	Goat	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

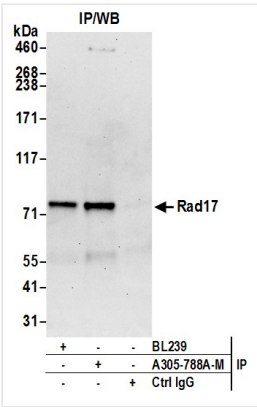
Rad17; Polyclonal Antibody; Goat anti-Rad17 Antibody; Affinity Purified; RAD17 homolog; RAD17SP; RAD24; RF-C/activator 1 homolog; Rad17-like protein; R24L; HRAD17; cell cycle checkpoint protein RAD17; cell cycle checkpoint protein (RAD17); CCYC; RF-C activator 1 homolog; RAD1 homolog; Cell cycle checkpoint protein RAD17; RAD17 checkpoint clamp loader component; anti-RAD17 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RAD17 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 575 and 625
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human Rad17 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified goat anti-Rad17 antibody (AAA213418 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human Rad17 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified goat anti-Rad17 antibody (AAA213418 lot 1) used for IP at 2 ug per reaction. Rad17 was also immunoprecipitated by rabbit anti-Rad17 antibody BL239. For blotting immunoprecipitated Rad17, AAA213418 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD17 antibody	Rad17 is 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 the checkpoint kinase ATR following damage. This protein recruits the RAD1-RAD9-HUS1 checkpoint protein complex onto chromatin after DNA damage, which may be required for its phosphorylation. The phosphorylation of this protein is required for the DNA-damage-induced cell cycle G2 arrest, and is thought to be a critical early event during checkpoint signaling in DNA-damaged cells. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O75943].
Product Categories/Family for anti-RAD17 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5884
UniProt Accession #	O75943
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rad17-antibody-immunoprecipitation-western-blot-elisa/213418>