Rabbit anti-Human Phospho-RAD9 (S328) Polyclonal Antibody | anti-RAD9A antibody

Phospho-RAD9 (S328) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288986	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA, Dot Blot**

PRODUCT SYNONYMS

Phospho-RAD9 (S328); Polyclonal Antibody; Phospho-RAD9 (S328) Antibody; Cell cycle checkpoint control protein RAD9A; hRAD9; DNA repair exonuclease rad9 homolog A; RAD9A; anti-RAD9A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAD9 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S328 of human RAD9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.38 (varies by lot)
Sequence Length	391
Applicable Applications for anti-RAD9A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

WB (Western Blot)
The anti-Phospho-Rad9-S328 Pab is used in Western blot to detect Phospho-Rad9-S328 in HL60 (left) and Y79 (right) tissue lysates.

DB (Dot Blot)
Dot blot analysis of anti-Phospho-Rad9-S328 Antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD9A antibody	Rad9 is highly similar to Schizosaccharomyces pombe rad9, a cell cycle checkpoint protein required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein is found to possess 3' to 5' exonuclease activity, which may contribute to its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1 and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage, which is thought to be important for triggering the checkpoint-signaling cascade.
Product Categories/Family for anti-RAD9A antibody	Phospho Antibodies
References	Meng, Y. et al. BMC Cell Biol. 10-96(2009). Maniwa, Y., et al., Cancer 103(1):126-132 (2005). Wang, W., et al., Proc. Natl. Acad. Sci. U.S.A. 101(48):16762-16767 (2004). Lindsey-Boltz, L.A., et al., (er) Nucleic Acids Res. 32(15):4524-4530 (2004). Toueille, M., et al., (er) Nucleic Acids Res. 32(11):3316-3324 (2004). Loegering, D., et al., J. Biol. Chem. 279(18):18641-18647 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	342672046
NCBI GeneID	5883
NCBI Accession #	NP_001230153.1; NP_004575.1
NCBI GenBank Nucleotide #	NM_001243224.1
UniProt Accession #	Q99638; Q6FI29; Q96C41; B2RCZ8
Molecular Weight	42547
NCBI Official Full Name	cell cycle checkpoint control protein RAD9A isoform 2
NCBI Official Synonym Full Names	RAD9 checkpoint clamp component A
NCBI Official Symbol	RAD9A
NCBI Official Synonym Symbols	RAD9
NCBI Protein Information	cell cycle checkpoint control protein RAD9A
UniProt Protein Name	Cell cycle checkpoint control protein RAD9A
UniProt Gene Name	**RAD9A**
UniProt Synonym Gene Names	hRAD9
UniProt Entry Name	RAD9A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/phospho-rad9-s328-antibody-immunohistochemistry-western-blot-dot-blot-elisa/288986