antibodies .- online.com









Target:

Images

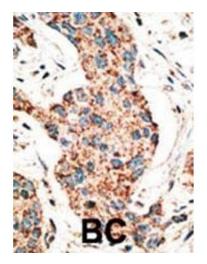


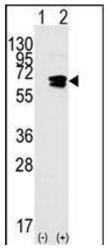
Overview	
Quantity:	400 μL
Target:	RAD9A
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD9A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This RAD9 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 1-30 amino acids from human RAD9.
Clone:	RB0965-RB0966
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	

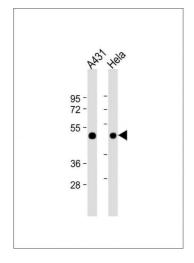
RAD9A

Target Details

Alternative Name:	RAD9 (RAD9A Products)
Background:	This gene product 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 RAD
	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. Use of
	alternative polyA sites has been noted for this gene.
Molecular Weight:	42547
Gene ID:	5883
NCBI Accession:	NP_001230153, NP_004575
UniProt:	Q99638
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	WB: 1:1000. WB: 1:4000. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma
	aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.

Western Blotting

Image 2. Western blot analysis of Rad9(arrow) using rabbit polyclonal Rad9 BH3 domain Pab (ABIN388113 and ABIN2846261). 293 cell lysates (2 μg/lane) either nontransfected (Lane 1) or transiently transfected with the Rad9 gene (Lane 2) (Origene Technologies).

Western Blotting

Image 3. All lanes: Anti-RAD9 Antibody (BH3 Domain Specific) at 1:4000 dilution Lane 1: A431 whole cell lysate Lane 2: Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.