# antibodies -online.com







# anti-XRCC4 antibody (AA 205-234)



Image



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Quantity:	400 μL	
Target:	XRCC4	
Binding Specificity:	AA 205-234	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This XRCC4 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This XRCC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 205-234 amino acids from the Central region of human XRCC4.	
Clone:	RB40148	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
- arget Details		
Target:	XRCC4	
Alternative Name:	XRCC4 (XRCC4 Products)	
Background:	The protein encoded by this gene functions together with DNA ligase IV and the DNA-	

dependent protein kinase in the repair of DNA double-strand break by non-homologous end joining and the completion of V(D)J recombination events. The non-homologous end-joining pathway is required both for normal development and for suppression of tumors. This gene functionally complements XR-1 Chinese hamster ovary cell mutant, which is impaired in DNA double-strand breaks produced by ionizing radiation and restriction enzymes. Alternative transcription initiation and alternative splicing generates several transcript variants. [provided by RefSeq].

 Molecular Weight:
 38287

 Gene ID:
 7518

 NCBI Accession:
 NP\_003392, NP\_071801, NP\_072044

 UniProt:
 Q13426

DNA Damage Repair, Production of Molecular Mediator of Immune Response

## **Application Details**

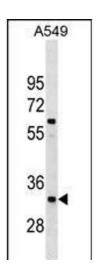
Application Notes: WB: 1:1000

Restrictions: For Research Use only

### Handling

Pathways:

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:	XRCC4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	



#### **Western Blotting**

**Image 1.** XRCC4 Antibody (Center) (ABIN1538068 and ABIN2850303) western blot analysis in A549 cell line lysates ( $35 \,\mu g/lane$ ). This demonstrates the XRCC4 antibody detected the XRCC4 protein (arrow).