

Rabbit anti-Human XRCC4 Polyclonal Antibody | anti-XRCC4 antibody

XRCC4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303305	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

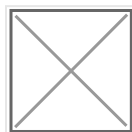
PRODUCT SYNONYMS

XRCC4; Polyclonal Antibody; XRCC4 antibody; anti-XRCC4 antibody

PRODUCT SPECIFICATIONS

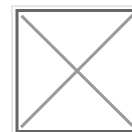
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	336
Applicable Applications for anti-XRCC4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 216 and 269 (Q13426) of XRCC4
Target Name	XRCC4
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



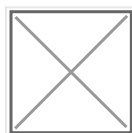
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using XRCC4 antibody at 1:200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using XRCC4 antibody at 1:100 dilution.



Application Data

Sample(30 ug whole cell lysate)A: 293TB: A431C: HeLa S310% SDS PAGEPrimary antibody diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC4 antibody	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]
Product Categories/Family for anti-XRCC4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12408647
NCBI GeneID	7518
NCBI Accession #	NP_071801
NCBI GenBank Nucleotide #	NM_022406.2
Molecular Weight	35,372 Da
NCBI Official Full Name	DNA repair protein XRCC4 isoform 2
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 4
NCBI Official Symbol	XRCC4
NCBI Official Synonym Symbols	SSMED
NCBI Protein Information	DNA repair protein XRCC4
UniProt Protein Name	DNA repair protein XRCC4
UniProt Gene Name	XRCC4
UniProt Entry Name	XRCC4_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/xrcc4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303305>