

Rabbit XRCC4 Polyclonal Antibody | anti-XRCC4 antibody

XRCC4 Polyclonal Antibody

CATALOG # AAA10755	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

XRCC4; Polyclonal Antibody; XRCC4 Polyclonal Antibody; DNA repair protein XRCC4; X-ray repair cross-complementing protein 4; anti-XRCC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-XRCC4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human XRCC4
Calculated Molecular Weight	38kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using XRCC4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human B cell lymphoma using XRCC4 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

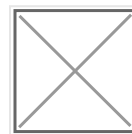
Immunohistochemistry of paraffin-embedded rat pancreas using XRCC4 Antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human gastric cancer using XRCC4 Antibody at dilution of 1:200 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human B cell lymphoma using XRCC4 Antibody at dilution of 1:200 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat pancreas using XRCC4 Antibody at dilution of 1:200 (40x lens).

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, Sep 2008]
Product Categories/Family for anti-XRCC4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	44888352
NCBI GeneID	7518
UniProt Accession #	Q13426; Q9BS72; Q9UP94; A8K3X4
Molecular Weight	336
NCBI Official Full Name	DNA repair protein XRCC4
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 4
NCBI Official Symbol	XRCC4
NCBI Protein Information	DNA repair protein XRCC4; X-ray repair cross-complementing protein 4; X-ray repair, complementing defective, repair in Chinese hamster
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-western-blot-immunohistochemistry-immunofluorescence-elisa/10755>