

X-Ray Repair Cross Complementing 3 (XRCC3) Antibody

Catalogue No.: abx117222

XRCC3 Antibody is a Rabbit Polyclonal antibody against XRCC3. This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene functionally complements Chinese hamster irs1SF, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents and is chromosomally unstable. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. Alternatively spliced transcript variants encoding the same protein have been identified [provided by RefSeq, Jul 2008]. This protein is involved in Epigenetics and Nuclear Signaling.

Target:	X-Ray Repair Cross Complementing 3 (XRCC3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein of human XRCC3.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O43542 (UniProt , ExPASy)
Gene Symbol:	XRCC3
GeneID:	7517
KEGG:	hsa:7517
String:	9606.ENSP00000451974

Datasheet

Version: 2.0.0

Revision date: 20 Mar 2025



Buffer: PBS, pH 7.3, containing 0.02% sodium azide and 50% glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only