

Datasheet for ABIN7449037

anti-XRCC1 antibody (pSer518, pThr519, pThr523)[Go to Product page](#)

Overview

Quantity:	5 µg
Target:	XRCC1
Binding Specificity:	pSer518, pThr519, pThr523
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Purpose:	Rabbit anti-Phospho XRCC1 (S518/T519/T523) IHC Antibody, Affinity Purified
Immunogen:	Surrounding serine 518 and threonine 519/523
Isotype:	IgG
Predicted Reactivity:	Gorilla, Chimpanzee
Purification:	Affinity Purified

Target Details

Target:	XRCC1
Alternative Name:	XRCC1 (XRCC1 Products)
Background:	Background: X-ray repair cross-complementing protein 1 (XRCC1) has been identified as a gene

Target Details

that partially rescues a DNA repair defect and therefore plays a role in efficient repair of single-stranded breaks in DNA damage caused by ionizing radiation. XRCC1 interacts with human polynucleotide kinase, DNA polymerase-beta, and DNA ligase III in a multiprotein complex to execute the function of DNA repair.

Gene ID:	7515
NCBI Accession:	NP_006288
UniProt:	P18887
Pathways:	DNA Damage Repair

Application Details

Application Notes:	IHC-IF: 1:50 - 1:500 IHC: 1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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
Expiry Date:	12 months