

Datasheet for ABIN7448870
anti-XRCC1 antibody (pSer461)



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Overview

Quantity:	25 µg
Target:	XRCC1
Binding Specificity:	pSer461
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-Phospho XRCC1 (S461) IHC Antibody, Affinity Purified
Immunogen:	Surrounding serine 461
Isotype:	IgG
Predicted Reactivity:	Orangutan,Monkey,Gorilla,Chimpanzee,Crab-eating macaque,Northern white-cheeked gibbon
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: 1:100 - 1:500

Restrictions: For Research Use only

Handling

Concentration: 250 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