

Datasheet for ABIN7449375

anti-XRCC1 antibody (pSer485, pThr488)



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Overview

Quantity:	100 µg
Target:	XRCC1
Binding Specificity:	pSer485, pThr488
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-Phospho XRCC1 (S485/T488) Antibody, Affinity Purified
Immunogen:	surrounding serine 485 and threonine 488
Isotype:	IgG
Predicted Reactivity:	Rat
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: 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. WB: 1:1,000 - 1:5,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 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