

## Product datasheet for TA368676S

## **XRCC1 Rabbit Polyclonal Antibody**

## **Product data:**

OriGene Technologies, Inc.

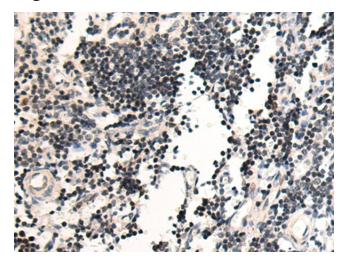
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Droduct Typo	Drimon (Antihodios
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-50 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human XRCC1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	X-ray repair complementing defective repair in Chinese hamster cells 1
Database Link:	<u>Entrez Gene 7515 Human</u> <u>P18887</u>
Background:	The protein encoded by this gene is involved in the efficient repair of DNA single-strand breaks formed by exposure to ionizing radiation and alkylating agents. This protein interacts with DNA ligase III, polymerase beta and poly (ADP-ribose) polymerase to participate in the base excision repair pathway. It may play a role in DNA processing during meiogenesis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity.
Synonyms:	RCC

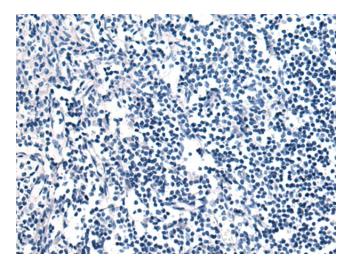


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US **CRIGENE** XRCC1 Rabbit Polyclonal Antibody – TA368676S

## **Product images:**

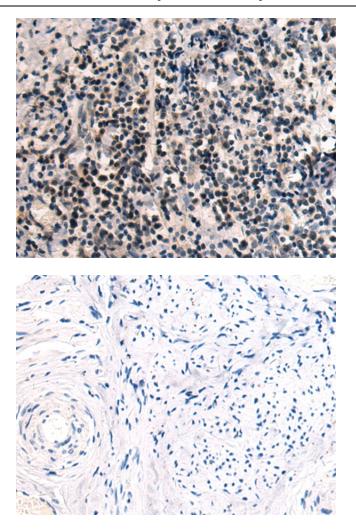


Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA368676] (XRCC1 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA368676] (XRCC1 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)

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Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA368676] (XRCC1 Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA368676] (XRCC1 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)

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