Phospho XRCC1 (S518/T519/T523) Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_006288.1
Catalog No.	A300-059A-T	Uniprot ID	P18887
Lot No.	1	GeneID	7515

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human
AMOUNT	10 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to phosphorylation at Ser 518, Thr 519 and Thr 523 of XRCC1 immobilized on solid support. The epitope recognized by A300-059A maps to a region of surrounding residues Ser 518, Thr 519 and Thr 523 of human X-ray Repair Complementing protein 1 using the numbering given in SwissProt enty P18887 (GeneID 7515). Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000 - 1:5000
Immunohistochemistry	1:2000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS	Bone Marrow-Metastatic Carcinoma, Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD — Date: January 31, 2024

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