

# 53BP1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_005648.1
Catalog No. A300-272A-T	Uniprot ID	Q12888
Lot No. 8	GeneID	7158

<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to 53BP1 immobilized on solid support.

The epitope recognized by A300-272A-T maps to a region between residues 350 and 400 of human tumor protein p53 binding protein 1 using the numbering given in entry NP\_005648.1 (GeneID 7158).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

<b>APPLICATIONS</b>	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 1:10,000 – 1:25,000 (3–8% Tris-acetate gel recommended)
	Immunoprecipitation 6 µg/mg lysate
	Immunohistochemistry 1:1000 to 1:5000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**IHC HUMAN CONTROLS** Breast Carcinoma, Colon Carcinoma, Glioblastoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma

**IHC MOUSE CONTROLS** Plasmacytoma, Renal Cell Carcinoma, Teratoma

**ADDITIONAL INFO** <https://www.fortislifesciences.com/p/A300-272A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: September 24, 2024