

BIRC6/Apollon Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9NR09

Catalog No. A300-367A

GeneID 57448

Lot No. A300-367A-2



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 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 BIRC6/Apollon immobilized on solid support.

The epitope recognized by A300-367A maps to a region between residue 4775 and the C-terminus (residue 4829) of human Baculoviral IAP repeat-containing protein 6 using the numbering given in Swiss-Prot entry Q9NR09 (GeneID 57448).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

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 1:2,000 - 1:10,000

Immunoprecipitation 2 - 10 µg/mg lysate

Immunohistochemistry 1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 3-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 3-8% SDS-PAGE.

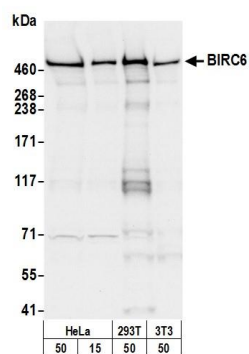
IHC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma, Metastatic Lymph Node, Ovarian Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-367A>

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

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

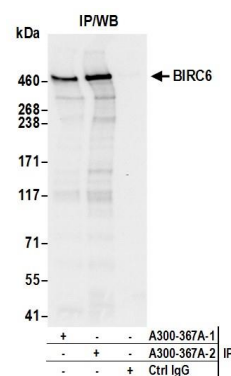


Detection of human and mouse BIRC6 by western blot.

Samples: Whole cell lysate from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.

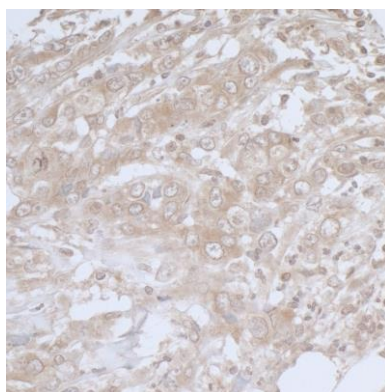
Antibody: Affinity purified rabbit anti-BIRC6 antibody A300-367A (lot A300-367A-2) used for WB at 0.1 µg/ml.

Detection: Chemiluminescence with an exposure time of 3 seconds.



Detection of human BIRC6 by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-BIRC6 antibody A300-367A (lot A300-367A-2) used for IP at 6 µg per reaction. BIRC6 was also immunoprecipitated by a previous lot of this antibody (lot A300-367A-1). For blotting immunoprecipitated BIRC6, A300-367A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human BIRC6/Apollon by immunohistochemistry.

Sample: FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-BIRC6/Apollon (Cat. No. A300-367A Lot 2) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB