

Product Datasheet

PALB2 Antibody - BSA Free NB100-60439

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-60439

PALB2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

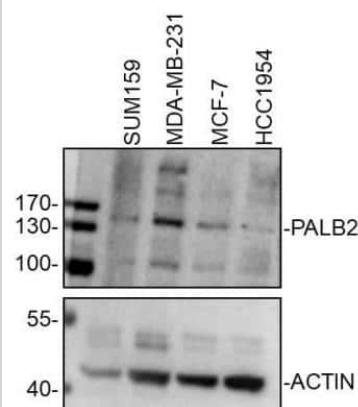
Product Description	
Host	Rabbit
Gene ID	79728
Gene Symbol	PALB2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27721983).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 200 and 250 of human partner and localizer of BRCA2 using the numbering given in entry NP_078951.2 (GeneID 79728).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-5 ug/mg lysate

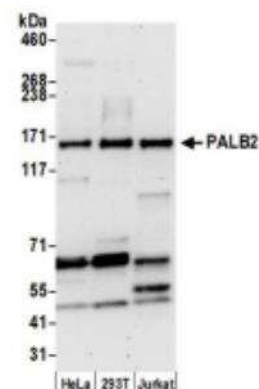


Images

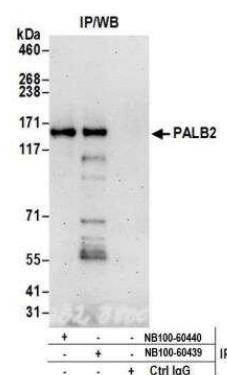
Western Blot: PALB2 Antibody [NB100-60439] - Whole cell lysates from SUM159, MDA-MB-231, MCF-7 and HCC1954 cells were loaded with 50 ug/lane. 10% SDS-PAGE. PALB2 antibody (NB100-60439) was used for primary antibody: 1:1000, 4C, overnight. Image from verified customer review.



Western Blot: PALB2 Antibody [NB100-60439] - Whole cell lysate (15 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PALB2 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunoprecipitation: PALB2 Antibody [NB100-60439] - Detection of human PALB2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PALB2 antibody NB100-60439 used for IP at 3 ug per reaction. PALB2 was also immunoprecipitated by rabbit anti-PALB2 antibody NB100-60440. For blotting immunoprecipitated PALB2, NB100-60439 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Li H, Stokes W, Chater E et al. Decreased glutathione biosynthesis contributes to EGFR T790M-driven erlotinib resistance in non-small cell lung cancer. Cell Discov. 2016-10-10 [PMID: 27721983] (Mouse)

Brough R, Bajrami I, Vatcheva R et al. APRIN is a cell cycle specific BRCA2-interacting protein required for genome integrity and a predictor of outcome after chemotherapy in breast cancer. EMBO J 2012-01-01 [PMID: 22293751]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-60439

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55028PEP	PALB2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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