Product Datasheet

PELP1 Antibody (JE02-42)
NBP3-32734

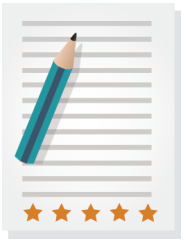
Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-32734

Updated 9/9/2025 v.20.1



NBP3-32734

PELP1 Antibody (JE02-42)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE02-42
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	120 kDa

Product Description

Description	Novus Biologicals Rabbit PELP1 Antibody (JE02-42) (NBP3-32734) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27043
Gene Symbol	PELP1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide. (Uniprot: Q8IZL8)

Product Application Details

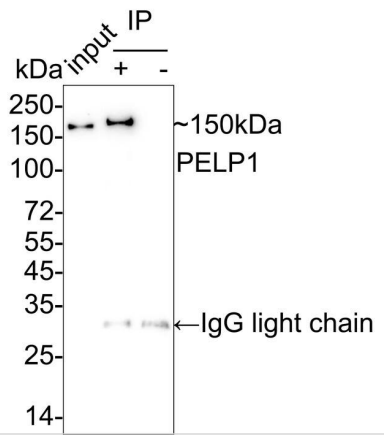
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 1-2ug/sample, Immunohistochemistry-Paraffin 1:1000

Images

Immunoprecipitation: PELP1 Antibody (JE02-42) [NBP3-32734] - PELP1 was immunoprecipitated from 0.2 mg HeLa cell lysate with NBP3-32734 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-32734 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: HeLa cell lysate (input)
Lane 2: NBP3-32734 IP in HeLa cell lysate
Lane 3: Rabbit IgG instead of NBP3-32734 in HeLa cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST
Exposure time: 3 minutes; ECL



Western Blot: PELP1 Antibody (JE02-42) [NBP3-32734] - Western blot analysis of PELP1 on different lysates with Rabbit anti-PELP1 antibody (NBP3-32734) at 1/1,000 dilution.

Lane 1: SW620 cell lysate
Lane 2: MCF7 cell lysate
Lane 3: HeLa cell lysate
Lane 4: HEK-293 cell lysate
Lane 5: NIH/3T3 cell lysate

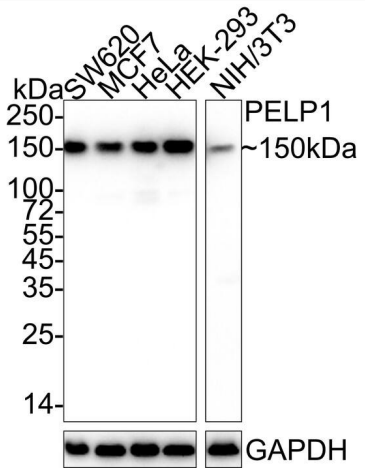
Lysates/proteins at 20 ug/Lane.

Predicted band size: 120 kDa
Observed band size: 150 kDa

Exposure time: Lane 1-4: 10 seconds; Lane 5: 40 seconds; ECL;

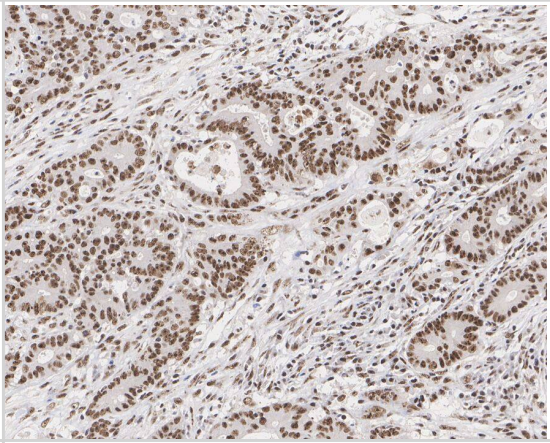
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32734) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: PELP1 Antibody (JE02-42) [NBP3-32734] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-PELP1 antibody (NBP3-32734) at 1/1,000 dilution.

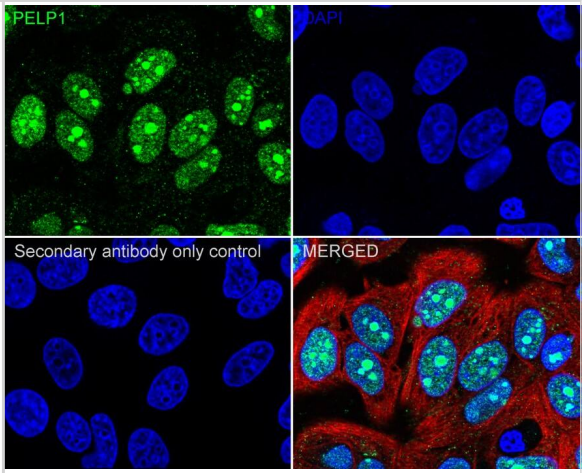
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32734) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: PELP1 Antibody (JE02-42) [NBP3-32734] - Immunocytochemistry analysis of MCF7 cells labeling PELP1 with Rabbit anti-PELP1 antibody (NBP3-32734) at 1/100 dilution.

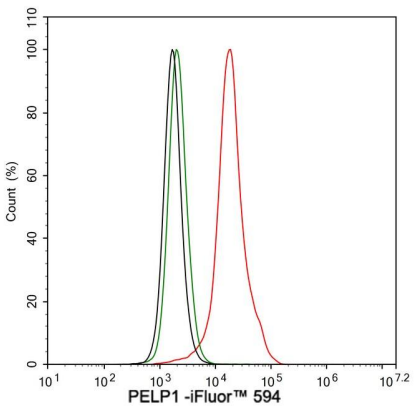
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-PELP1 antibody (NBP3-32734) at 1/100 dilution in 1% BSA in PBST overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4□. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



Flow Cytometry: PELP1 Antibody (JE02-42) [NBP3-32734] - Flow cytometric analysis of MCF7 cells labeling PELP1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32734, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4□ for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4□. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



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 NBP3-32734

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56265PEP	PELP1 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-32734

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications