

Product Datasheet

PARL Antibody - BSA Free NBP1-80878

Unit Size: 0.1 ml

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

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NBP1-80878

PARL Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

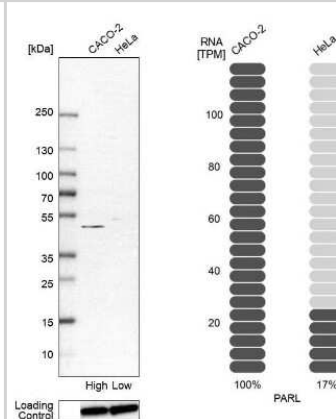
Product Description	
Description	Novus Biologicals Rabbit PARL Antibody - BSA Free (NBP1-80878) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55486
Gene Symbol	PARL
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESLKSRVQSYFDGIKADWLDSIRPQKEGDFRKEINKWWNNLSDGQR

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

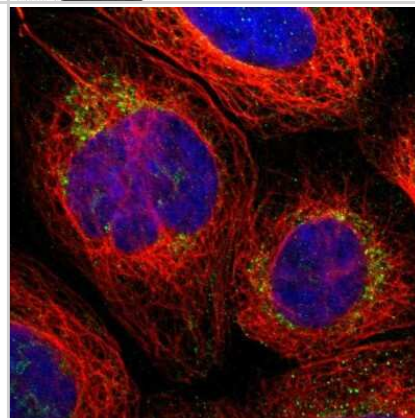


Images

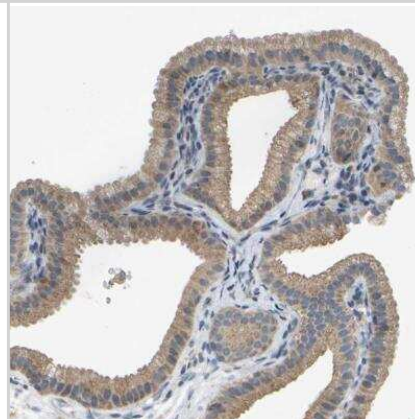
Western Blot: PARL Antibody [NBP1-80878] - Analysis in human cell line CACO-2 and human cell line HeLa.



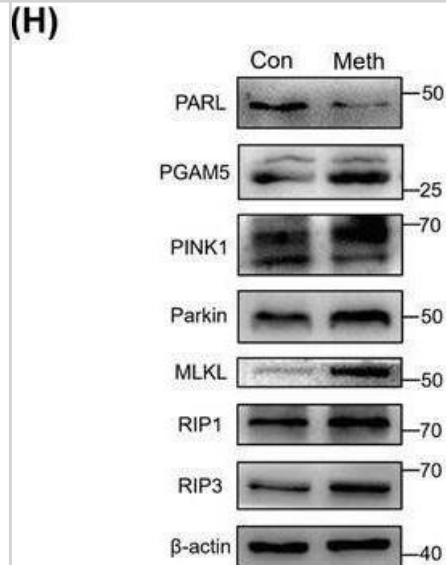
Immunocytochemistry/Immunofluorescence: PARL Antibody [NBP1-80878] - Immunofluorescent staining of human cell line A-431 shows localization to mitochondria.



Immunohistochemistry-Paraffin: PARL Antibody [NBP1-80878] - Staining of human gallbladder shows moderate cytoplasmic positivity in glandular cells.



Meth exposure causes mitophagy and necroptosis in primary neurons. (A) Volcano plots of differential gene expression analysis. (B) GO pathway enrichment of differential gene expression analysis. (C) KEGG pathway enrichment of differential gene expression analysis. (D) Gene set enrichment analysis (GSEA) of mitophagy-related and mitochondrial fission-related RNA-seq data. (E) PARL, PGAM5, PINK1, Parkin, MLKL, RIP1, and RIP3 mRNA levels in neurons. (F) KEGG pathway enrichment of differential protein expression analysis (Top 10). (G) Volcano plot of differential protein expression analysis. (H) PARL, PGAM5, PINK1, Parkin, MLKL, RIP1, and RIP3 protein levels. (I) Statistical results of the relative protein levels of PARL, PGAM5, PINK1, Parkin, MLKL, RIP1, and RIP3. Data are shown as the mean \pm SEM. Student's t -test was used to measure the significance between two groups. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, and **** $p < 0.0001$ versus Con group. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/40013375>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Subramaniam, N, N The Contribution of LncRNAs to Tip-Stalk Patterning in the Vascular Endothelium Thesis 2022-01-01

Gonciarz R, Jiang H, Hugelshofer C et al. In vivo Bioluminescence Imaging of Labile Iron in Xenograft Models and Liver Using FeAl-1, an Iron-Activatable Form of D-Luciferin SSRN Electronic Journal 2022-11-20





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Products Related to NBP1-80878

NBP1-80878PEP	PARL Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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