

# Product Datasheet

## Prohibitin Antibody - BSA Free **NBP2-19944**

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-19944**

Prohibitin Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 20% Glycerol
<b>Target Molecular Weight</b>	30 kDa

**Product Description**

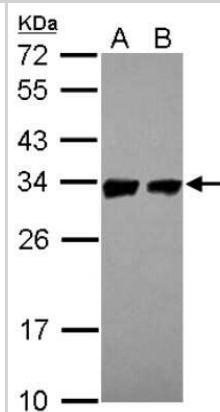
<b>Description</b>	Novus Biologicals Rabbit Prohibitin Antibody - BSA Free (NBP2-19944) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5245
<b>Gene Symbol</b>	PHB1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Chimpanzee (100%), Cat (100%), Xenopus laevis (89%).
<b>Marker</b>	Mitochondria Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Prohibitin. The exact sequence is proprietary.

**Product Application Details**

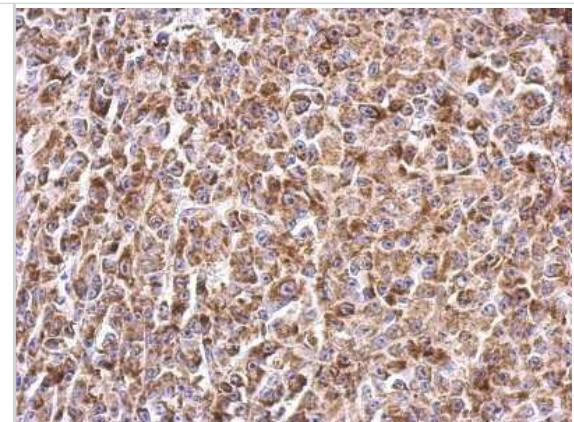
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

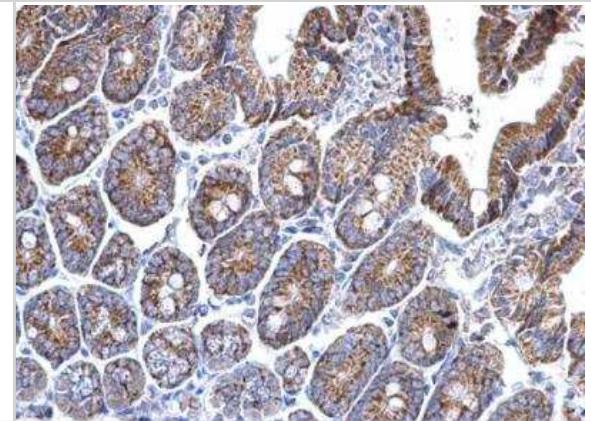
Western Blot: Prohibitin Antibody [NBP2-19944] - Sample (30 ug of whole cell lysate) A: IMR32 B: U87-MG 12% SDS PAGE gel, diluted at 1:1000.



Immunohistochemistry-Paraffin: Prohibitin Antibody [NBP2-19944] -  
Immunohistochemical analysis of paraffin-embedded HBL435 xenograft,  
using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: Prohibitin Antibody [NBP2-19944] -  
Paraffin-embedded mouse intestine. Prohibitin antibody dilution: 1:500.



Prohibitin antibody detects PHB protein by Western blot analysis.

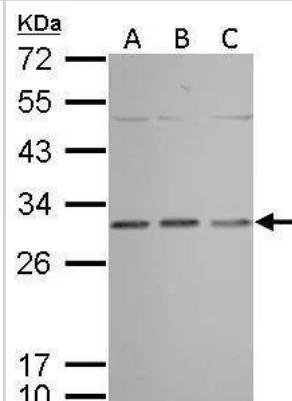
A. 30 ug Neuro2A whole cell lysate/extract

B. 30 ug GL261 whole cell lysate/extract

C. 30 ug C8D30 whole cell lysate/extract

12 % SDS-PAGE

Prohibitin antibody (NBP2-19944) dilution: 1:1000



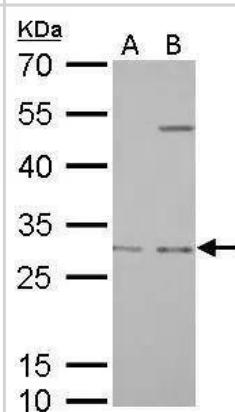
Prohibitin antibody detects PHB protein by Western blot analysis.

A. 30 ug PC-12 whole cell lysate/extract

B. 30 ug Rat2 whole cell lysate/extract

12 % SDS-PAGE

Prohibitin antibody (NBP2-19944) dilution: 1:1000

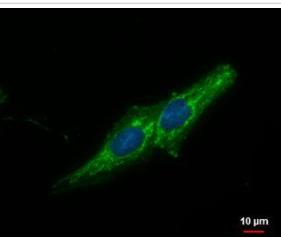
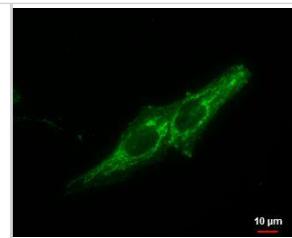


Prohibitin antibody detects Prohibitin protein at mitochondria by immunofluorescent analysis.

Sample: SKNSH cells were fixed in 2% paraformaldehyde/culture medium at 37C for 30 min.

Green: Prohibitin protein stained by Prohibitin antibody (NBP2-19944) diluted at 1:1000.

Blue: Hoechst 33342 staining.

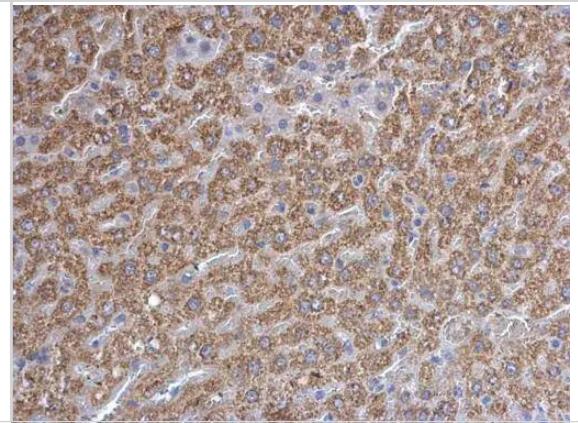


Prohibitin antibody detects Prohibitin protein at mitochondria on mouse intestine by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

Prohibitin antibody (NBP2-19944) dilution: 1:500.

Antigen Retrieval: Trilogy(TM) (EDTA based, pH 8.0) buffer, 15min





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## Products Related to NBP2-19944

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23364	Recombinant Human Prohibitin His Protein

## 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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