

# Product Datasheet

## Adiponectin/Acrp30 Antibody (JE65-49) NBP3-32003

Unit Size: 100 ul

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

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**NBP3-32003****Adiponectin/Acrp30 Antibody (JE65-49)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JE65-49
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	27 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Adiponectin/Acrp30 Antibody (JE65-49) (NBP3-32003) is a recombinant monoclonal 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>	9370
<b>Gene Symbol</b>	ADIPOQ
<b>Species</b>	Mouse
<b>Immunogen</b>	Recombinant protein within mouse Adiponectin/Acrp30 aa 1-247/247. (Uniprot: Q60994)

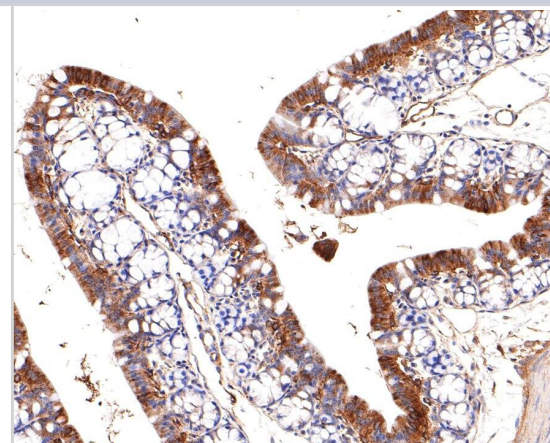
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:400



## Images

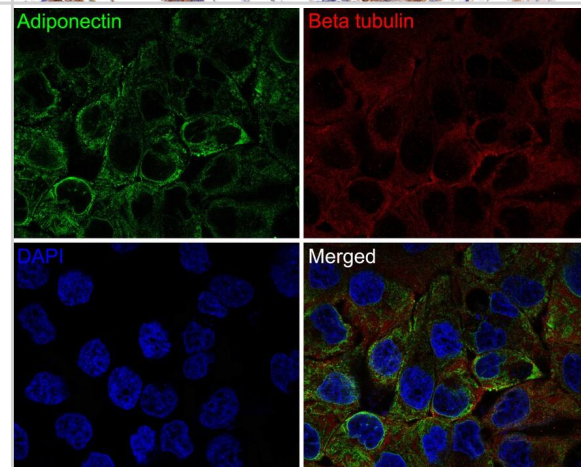
**Immunohistochemistry: Adiponectin/Acrp30 Antibody (JE65-49) [NBP3-32003]** - Immunohistochemical analysis of paraffin-embedded mouse large intestine tissue with Rabbit anti-Adiponectin/Acrp30 antibody (NBP3-32003) at 1/400 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32003) at 1/400 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: Adiponectin/Acrp30 Antibody (JE65-49) [NBP3-32003]** - Immunocytochemistry analysis of NCI-H441 cells labeling Adiponectin/Acrp30 with Rabbit anti-Adiponectin/Acrp30 antibody (NBP3-32003) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Adiponectin/Acrp30 antibody (NBP3-32003) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.



Beta tubulin (red) was stained at 1/200 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 647) were used as the secondary antibody at 1/1,000 dilution.

**Western Blot: Adiponectin/Acrp30 Antibody (JE65-49) [NBP3-32003]** - Western blot analysis of Adiponectin/Acrp30 on mouse colon tissue lysates with Rabbit anti-Adiponectin/Acrp30 antibody (NBP3-32003) at 1/500 dilution.

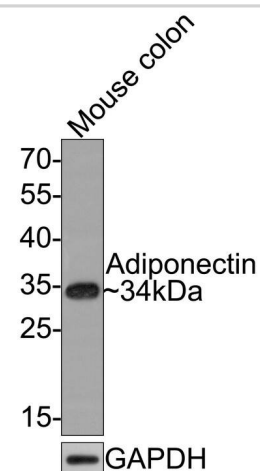
Lysates/proteins at 20 ug/Lane.

Predicted band size: 27 kDa  
Observed band size: 34 kDa

Exposure time: 2 minutes;

12% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-32003) at 1/500 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32003**

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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

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### **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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