

# Product Datasheet

## AMPD2 Antibody - BSA Free

### NBP2-47549

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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**NBP2-47549**

AMPD2 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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

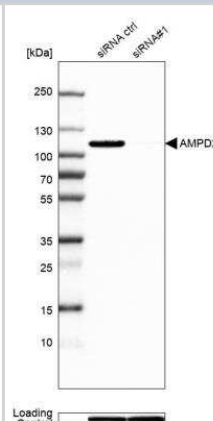
<b>Description</b>	Novus Biologicals Rabbit AMPD2 Antibody - BSA Free (NBP2-47549) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	271
<b>Gene Symbol</b>	AMPD2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: MDGKCKEIAEELFTRSLAESELRSAPYEFPEESPIEQLEERRQRLERQISQDVK LEPDILLRAKQDFLKTDSDDLQLYKEQGE

**Product Application Details**

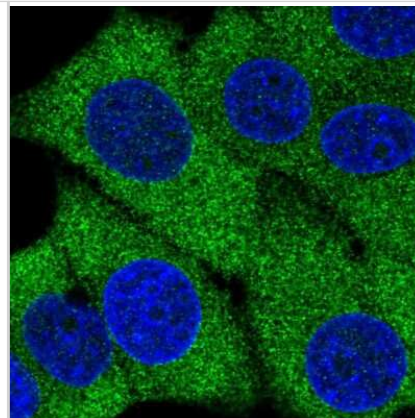
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

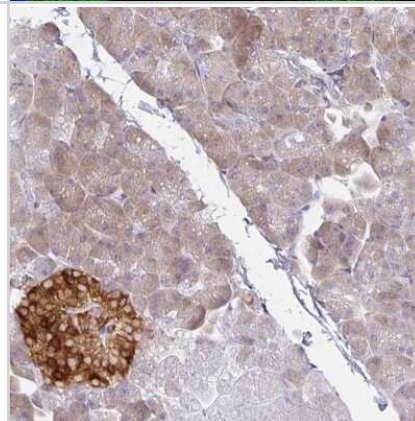
Western Blot: AMPD2 Antibody [NBP2-47549] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



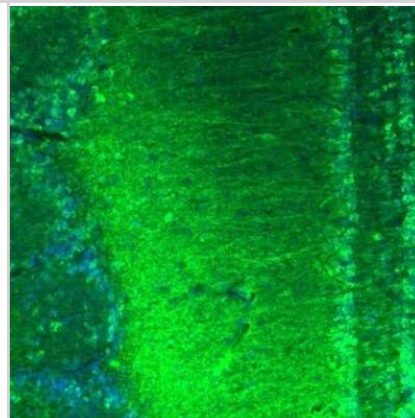
Immunocytochemistry/Immunofluorescence: AMPD2 Antibody [NBP2-47549] - Staining of human cell line MCF7 shows localization to cytosol. Antibody staining is shown in green.



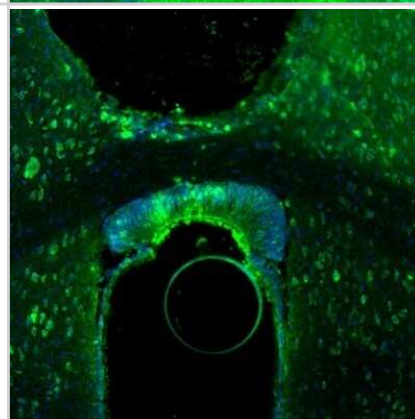
Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of human pancreas shows strong cytoplasmic positivity in islets of Langerhans.



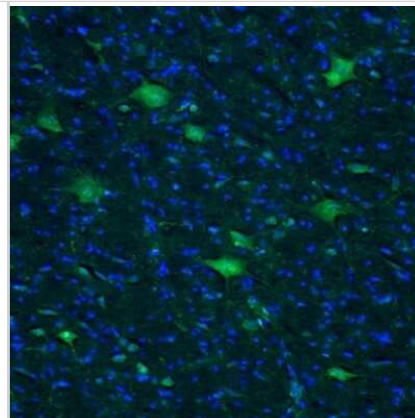
Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of mouse olfactory bulb shows strong positivity in neurons and their processes.



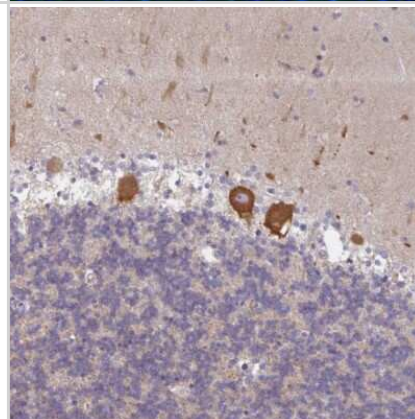
Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of mouse brain shows immunoreactivity in the subcommissural organ.



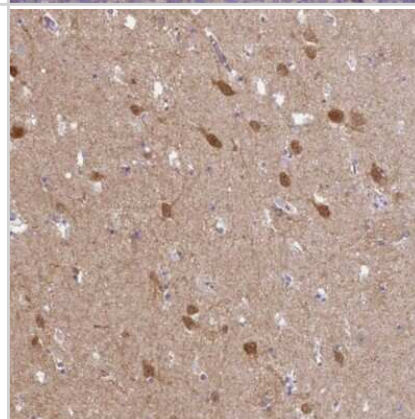
Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of mouse medulla shows immunoreactivity in neurons of the paragigantocellular nucleus.



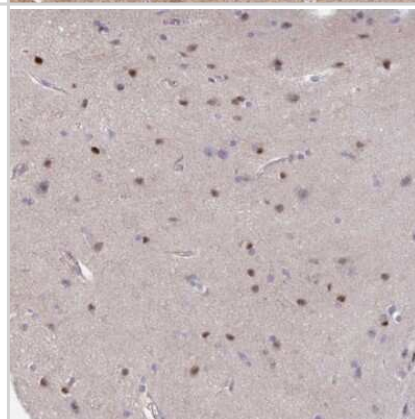
Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of human hippocampus shows moderate cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: AMPD2 Antibody [NBP2-47549] - Staining of human cerebral cortex shows nuclear immunoreactivity in glial cells.





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### **Products Related to NBP2-47549**

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NBP2-47549PEP	AMPD2 Recombinant Protein Antigen
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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