

# Product Datasheet

## ATP5A Antibody - BSA Free

### NBP2-15512

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-15512**

ATP5A Antibody - BSA Free

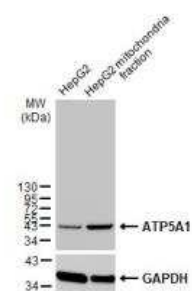
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	60 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit ATP5A Antibody - BSA Free (NBP2-15512) 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>	498
<b>Gene Symbol</b>	ATP5F1A
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Xenopus laevis (89%).
<b>Marker</b>	Mitochondria Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human ATP5A. The exact sequence is proprietary.

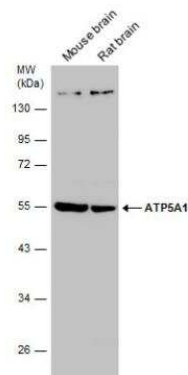
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence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

**Images**

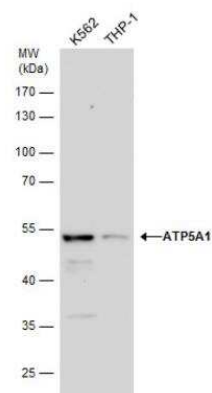
Western Blot: ATP5A Antibody [NBP2-15512] - HepG2 and mitochondria extracts (30 ug) were separated by SDS-PAGE, and the membrane was blotted with ATP5A1 antibody [C2C3], C-term diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



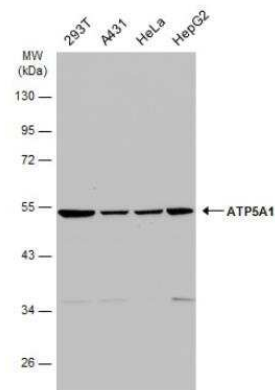
Western Blot: ATP5A Antibody [NBP2-15512] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody [C2C3], C-term diluted at 1:1000.



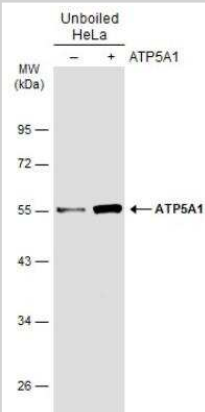
Western Blot: ATP5A Antibody [NBP2-15512] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody diluted by 1:2000.



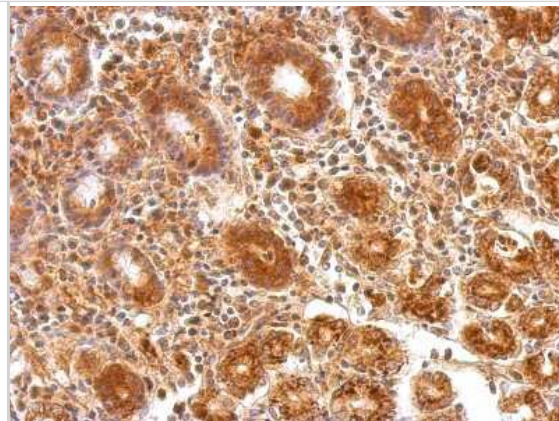
Western Blot: ATP5A Antibody [NBP2-15512] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



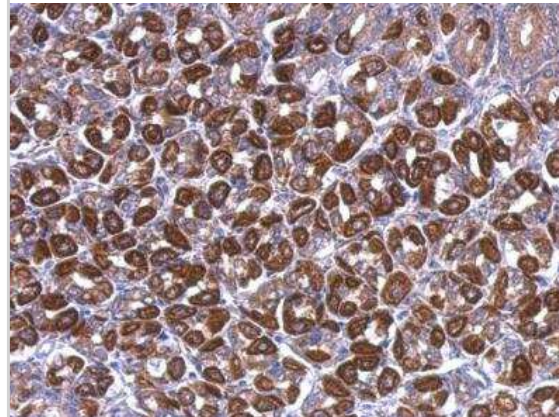
Western Blot: ATP5A Antibody [NBP2-15512] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody [C2C3], C-term (diluted at 1:1000). The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



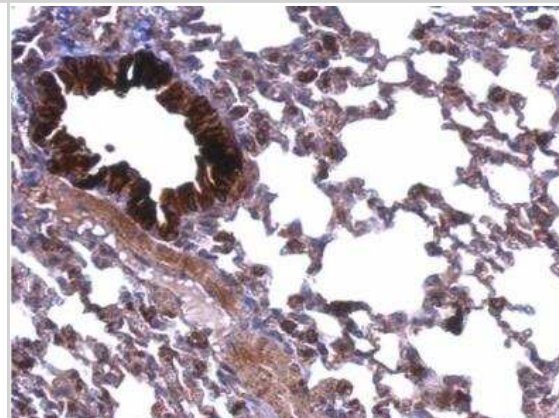
Immunohistochemistry-Paraffin: ATP5A Antibody [NBP2-15512] - Colon carcinoma. ATP5A1 antibody [C2C3], C-term dilution: 1:200. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: ATP5A Antibody [NBP2-15512] - Mouse stomach. ATP5A1 antibody [C2C3], C-term dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: ATP5A Antibody [NBP2-15512] - Mouse lung. ATP5A1 antibody [C2C3], C-term dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



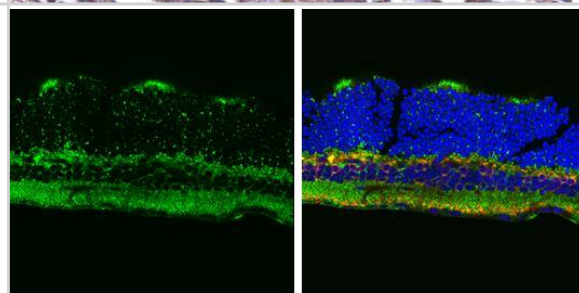
ATP5A1 antibody [C2C3], C-term detects ATP5A1 protein by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: ATP5A1 protein stained by ATP5A1 antibody [C2C3], C-term (NBP2-15512) diluted at 1:250.

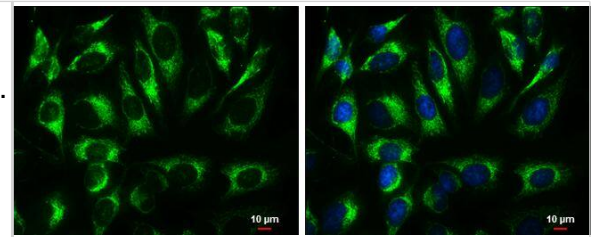
Red: Protein kinase C alpha staining.

Blue: Fluoroshield with DAPI .



ATP5A1 antibody [C2C3], C-term detects ATP5A1 protein at mitochondria by immunofluorescent analysis.  
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ATP5A1 protein stained by ATP5A1 antibody [C2C3], C-term (NBP2-15512) diluted at 1:500.  
Blue: Hoechst 33342 staining.  
Scale bar = 10  $\mu$ m.





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### **Products Related to NBP2-15512**

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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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