

# Product Datasheet

## ATP5A Antibody NBP2-15512

Unit Size: 0.1 ml

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

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**NBP2-15512****ATP5A Antibody****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 (pH 7), 20% Glycerol
<b>Target Molecular Weight</b>	60 kDa

**Product Description**

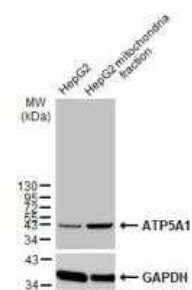
<b>Host</b>	Rabbit
<b>Gene ID</b>	498
<b>Gene Symbol</b>	ATP5F1A
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Xenopus laevis (89%).
<b>Marker</b>	Mitochondria Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human ATP5A. The exact sequence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

**Product Application Details**

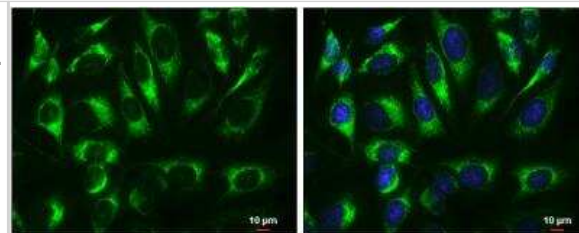
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000,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

**Images**

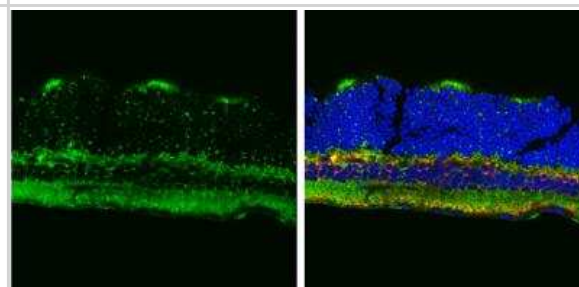
Western Blot: ATP5A Antibody [NBP2-15512] - HepG2 and mitochondria extracts (30 ug) were separated by SDS-PAGE, and the membrane was blotted with ATP5A1 antibody [C2C3], C-term diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



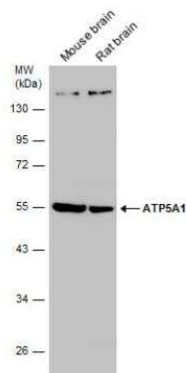
**Immunocytochemistry/Immunofluorescence: ATP5A Antibody [NBP2-15512]** - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ATP5A1 protein stained by ATP5A1 antibody [C2C3], C-term diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



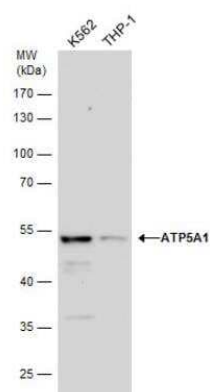
**Immunohistochemistry-Frozen: ATP5A Antibody [NBP2-15512]** - Frozen sectioned adult mouse retina. Green: ATP5A1 protein stained by ATP5A1 antibody [C2C3], C-term diluted at 1:250. Red: Protein kinase C alpha staining. Blue: Fluoroshield with DAPI.



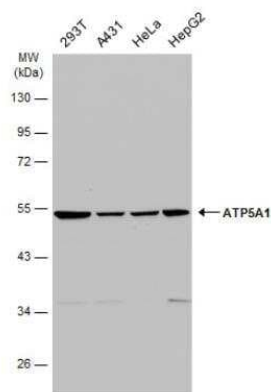
**Western Blot: ATP5A Antibody [NBP2-15512]** - Various tissue extracts (50  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody [C2C3], C-term diluted at 1:1000.



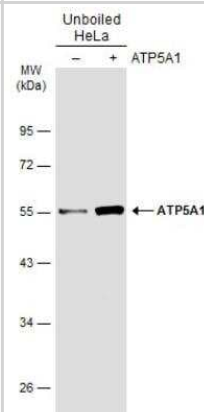
**Western Blot: ATP5A Antibody [NBP2-15512]** - Various whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody diluted by 1:2000.



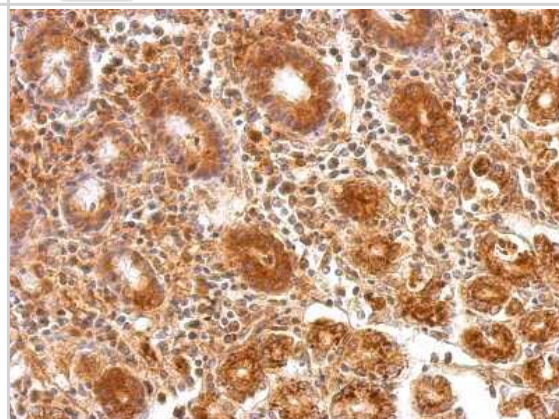
**Western Blot: ATP5A Antibody [NBP2-15512]** - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



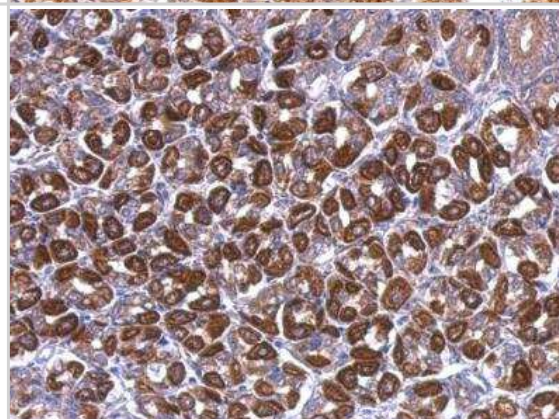
**Western Blot: ATP5A Antibody [NBP2-15512]** - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ATP5A1 antibody [C2C3], C-term (diluted at 1:1000). The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used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



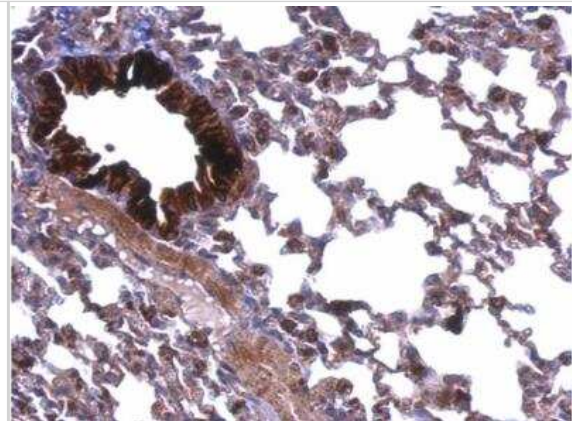
**Immunohistochemistry-Paraffin: ATP5A Antibody [NBP2-15512]** - Colon carcinoma. ATP5A1 antibody [C2C3], C-term dilution: 1:200. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



**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.





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

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000498-P01-2ug	Recombinant Human ATP5A GST (N-Term) Protein

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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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