

Product Datasheet

ATP5A Antibody (JM110-04)

NBP2-67170

Unit Size: 100 ul

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

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NBP2-67170

ATP5A Antibody (JM110-04)

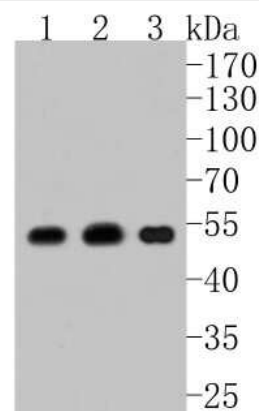
| Product Information | |
|---------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | JM110-04 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | TBS (pH7.4), 0.05% BSA, 40% Glycerol |

| Product Description | |
|---------------------|--|
| Host | Rabbit |
| Gene Symbol | ATP5F1A |
| Species | Human, Mouse, Rat |
| Immunogen | Synthetic peptide within Human ATP5A aa 191-234 / 553. (SwissProt: P25705 Human; SwissProt: Q03265 Mouse; SwissProt: P15999 Rat) |

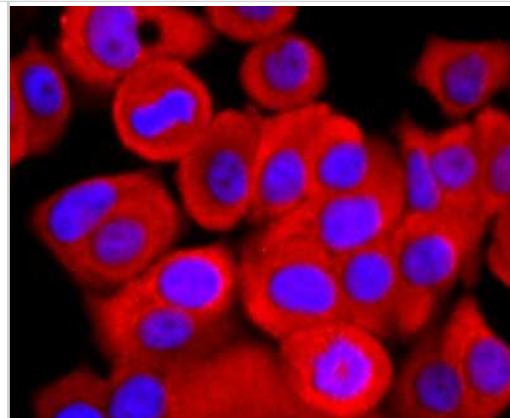
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:200 |

Images

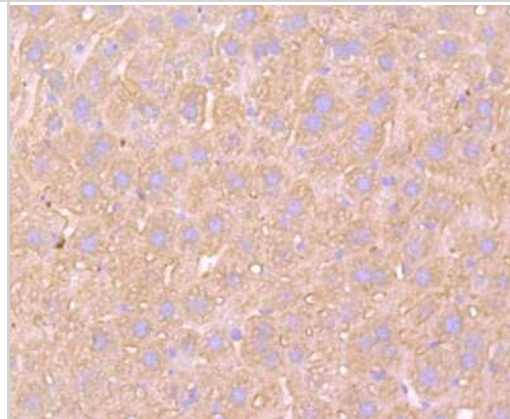
Western Blot: ATP5A Antibody (JM110-04) [NBP2-67170] - Western blot analysis of ATP5A on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: SKOV-3 cell lysate Lane 2: mouse heart tissue lysate Lane 3: MCF-7 cell lysate



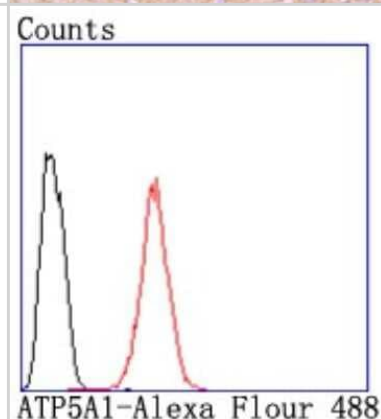
Immunocytochemistry/Immunofluorescence: ATP5A Antibody (JM110-04) [NBP2-67170] - Staining ATP5A1 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



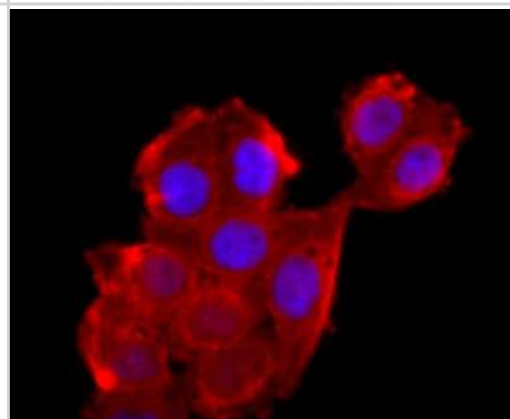
Immunohistochemistry-Paraffin: ATP5A Antibody (JM110-04) [NBP2-67170] - Analysis of paraffin-embedded mouse liver tissue using anti-ATP5A1 antibody. Counter stained with hematoxylin.



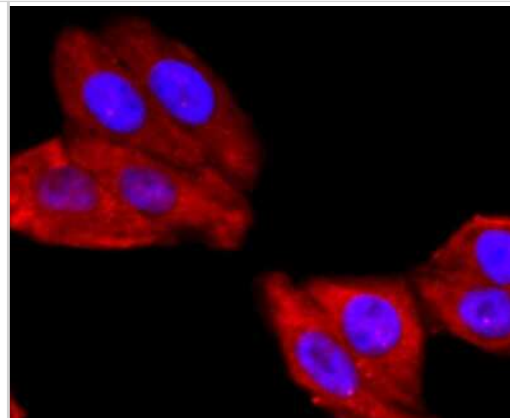
Flow Cytometry: ATP5A Antibody (JM110-04) [NBP2-67170] - Analysis of Hela cells with ATP5A1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



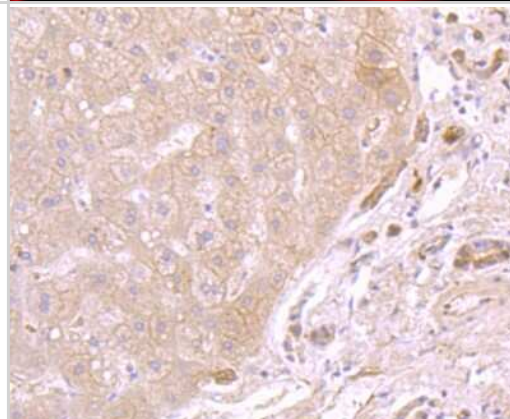
Immunocytochemistry/Immunofluorescence: ATP5A Antibody (JM110-04) [NBP2-67170] - Staining ATP5A1 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



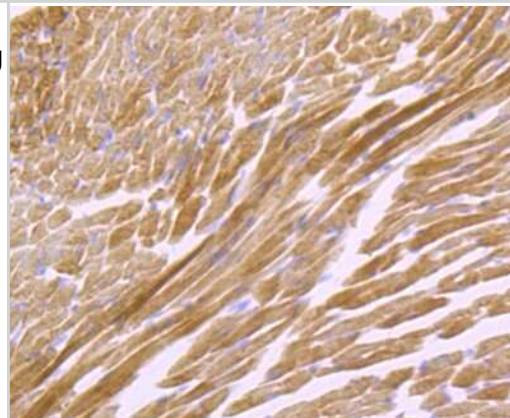
Immunocytochemistry/Immunofluorescence: ATP5A Antibody (JM110-04) [NBP2-67170] - Staining ATP5A1 in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: ATP5A Antibody (JM110-04) [NBP2-67170] - Analysis of paraffin-embedded human liver tissue using anti-ATP5A1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: ATP5A Antibody (JM110-04) [NBP2-67170] - Analysis of paraffin-embedded mouse heart muscle tissue using anti-ATP5A1 antibody. Counter stained with hematoxylin.





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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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