

Product Datasheet

ATP1A2 Antibody (Center) (orb1930343)

Catalog Number	orb1930343
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	ATP1A2
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Porcine, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Immunogen	This ATP1A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 451-479 amino acids from the Central region of human ATP1A2. Antigen Region: 451-479 aa.
UniProt ID	P50993
MW	112265 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:2000, IHC-P - 1:10-50, FC - 1:10-50

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7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

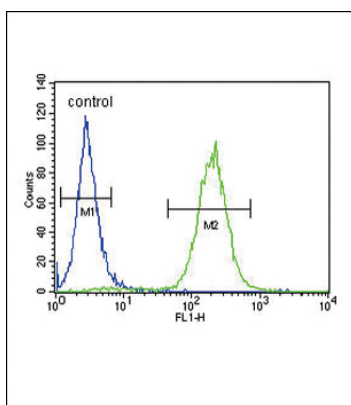
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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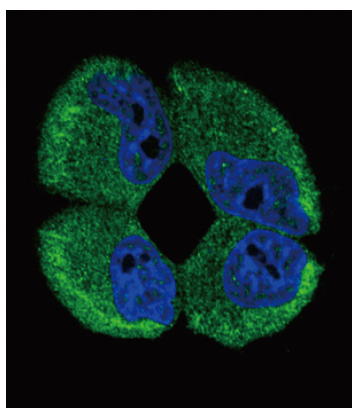
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_000693.1
Expiration Date	12 months from date of receipt.



ATP1A2 Antibody (Center) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of ATP1A2 Antibody (Center) with MCF-7 cell followed by Alexa Fluor488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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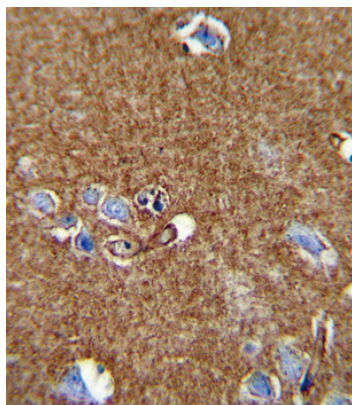
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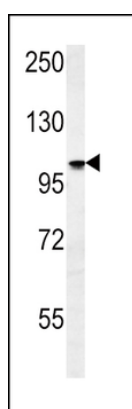
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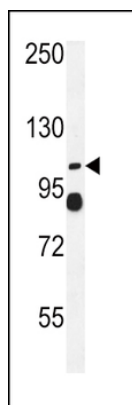
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ATP1A2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATP1A2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



ATP1A2 Antibody (Center) western blot analysis in MCF-7 cell line lysates (15 ug/lane). This demonstrates the ATP1A2 antibody detected ATP1A2 protein (arrow).



ATP1A2 Antibody (Center) western blot analysis in mouse heart tissue lysates (15 ug/lane). This demonstrates the ATP1A2 antibody detected ATP1A2 protein (arrow).

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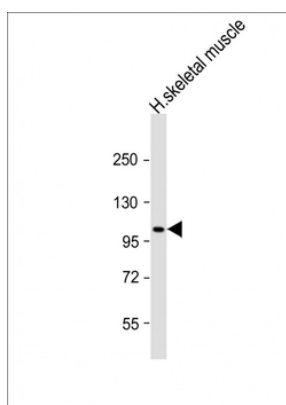
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Anti-ATP1A2 Antibody (Center) at 1:2000 dilution + human skeletal muscle lysate. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 112 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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