

Product Datasheet

ATP7B Antibody (C-term) (orb1930038)

Catalog Number	orb1930038
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	ATP7B
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This ATP7B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1361-1391 amino acids from the C-terminal region of human ATP7B. Antigen Region: 1361-1391 aa.
UniProt ID	P35670
MW	157263 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	WB - 1:2000, IF - 1:10-50, IHC-P - 1:10-50, FC - 1:10-50

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

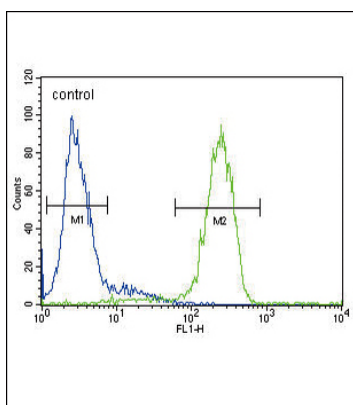
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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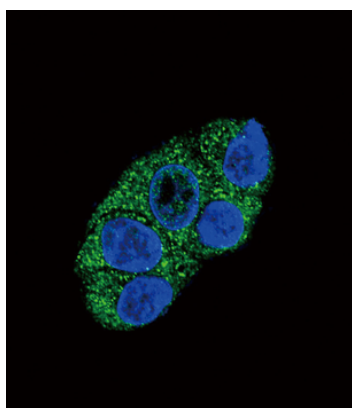
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

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)

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_001230111.1, NP_000044.2
Expiration Date	12 months from date of receipt.



ATP7B Antibody (C-term) flow cytometric analysis of HepG2 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 ATP7B Antibody (C-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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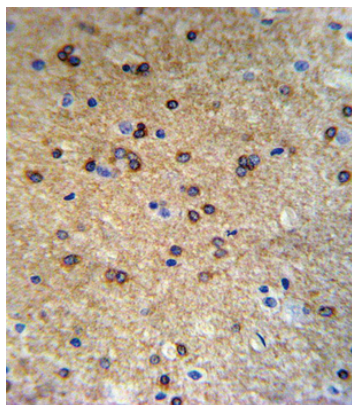
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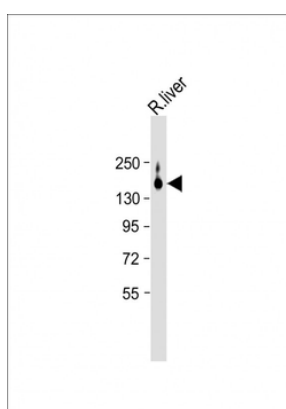
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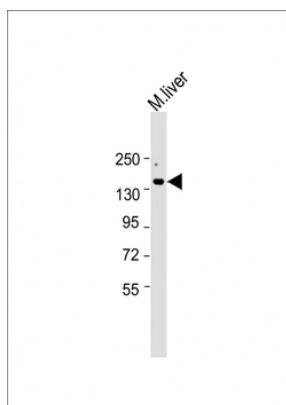
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ATP7B Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATP7B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Anti-ATP7B Antibody (C-term) at 1:2000 dilution + Rat liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 157 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-ATP7B Antibody (C-term) at 1:2000 dilution + Mouse liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 157 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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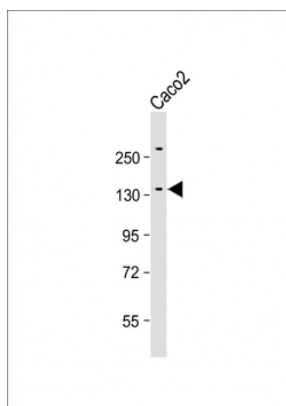
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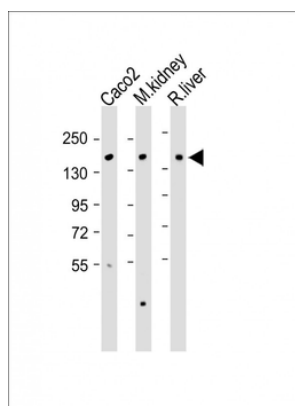
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Anti-ATP7B Antibody (C-term) at 1:2000 dilution + Caco2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 157 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: ATP7B Antibody (C-term) at 1:2000 dilution. Lane 1: Caco2 whole cell lysate. Lane 2: Mouse kidney lysate. Lane 3: Rat liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 157 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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