

Product Data Sheet

Anti-ATP1B2 Antibody

Catalog #	Source	Reactivity	Applications
CQA3654	Rabbit	H, M, R	WB, IF/IC
Description	Rabbit polyclonal antibody to ATP1B2		
Immunogen	Recombinant full length protein of human ATP1B2		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ATP1B2 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	ATP1B2		
Alternative Names	Sodium/potassium-transporting ATPase subunit beta-2; Adhesion molecule in glia; AMOG; Sodium/potassium-dependent ATPase subunit beta-2		
Entrez Gene	482 (Human); 11932 (Mouse)		
SwissProt	P14415 (Human); P14231 (Mouse); P13638 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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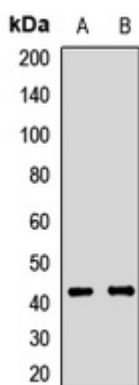
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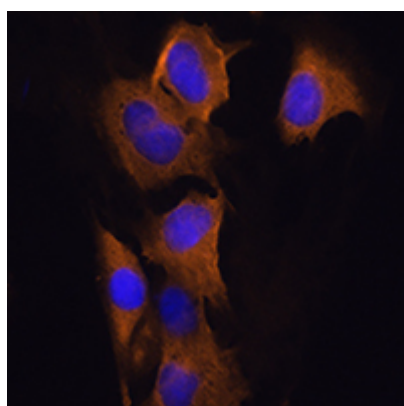
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Western blot analysis of ATP1B2 expression in HepG2 (A), SHSY5Y (B) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 42 kD)



Immunofluorescent analysis of ATP1B2 staining in C6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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