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Anti-CCZ1 Antibody

Catalog # AP53903

Product Information

Application	WB, IF/IC
Primary Accession	P86791
Other Accession	P86790
Reactivity	Human, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55866

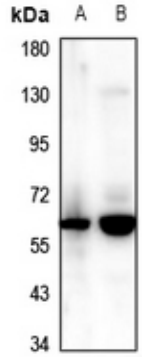
Additional Information

Gene ID	51622
Other Names	CCZ1; C7orf28A; CGI-43; Vacuolar fusion protein CCZ1 homolog; CCZ1B; C7orf28B; Vacuolar fusion protein CCZ1 homolog B; Vacuolar fusion protein CCZ1 homolog-like
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CCZ1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

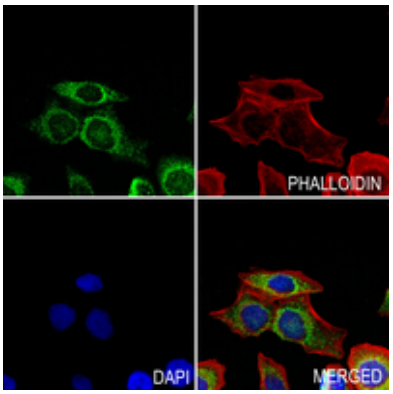
Protein Information

Name	CCZ1
Synonyms	C7orf28A
Function	Acts in concert with MON1A, as a guanine exchange factor (GEF) for RAB7, promotes the exchange of GDP to GTP, converting it from an inactive GDP-bound form into an active GTP-bound form (PubMed:23084991).
Cellular Location	Lysosome membrane.

Images



Western blot analysis of CCZ1 expression in A549 (A), HEK293T (B) whole cell lysates. (Predicted band size: 55 kD; Observed band size: 56 kD)



Immunofluorescent analysis of CCZ1 staining in MCF7 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 hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.