For research purposes only, not for human use

Product Data Sheet

Anti-ASNA1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2929	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to ASNA1
Immunogen	Recombinant full length protein of human ASNA1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of ASNA1 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 - 1/1000), IF/IC (1/50 - 1/200)
Gene Symbol	ASNA1
Alternative Names	ARSA; TRC40; ATPase ASNA1; Arsenical pump-driving ATPase; Arsenite-stimulated ATPase; Transmembrane domain recognition complex 40 kDa ATPase subunit; hARSA-I; hASNA-I
Entrez Gene	439 (Human); 56495 (Mouse)
SwissProt	O43681 (Human); O54984 (Mouse)
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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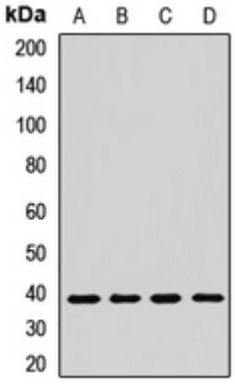
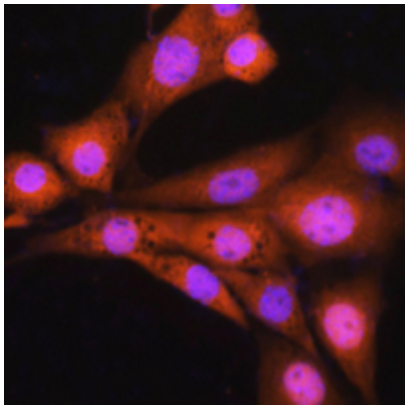


Western blot analysis of ASNA1 expression in MCF7 (A), mouse kidney (B), mouse lung (C), rat brain (D) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 39 kD)



Immunofluorescent analysis of ASNA1 staining in NIH3T3 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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