

ASNA1 Polyclonal Antibody

Catalog No. E-AB-62632

Note: Centrifuge before opening to ensure complete recovery of vial contents.

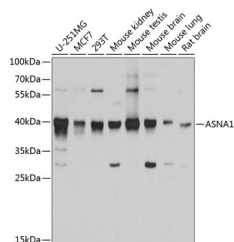
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human ASNA1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

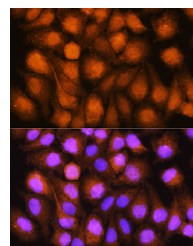
WB	1:200-1:2000
IF	1:50-1:200

Data

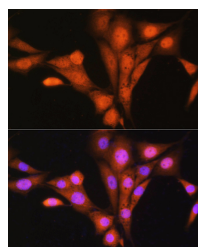


Western blot analysis of extracts of various cell lines using ASNA1 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:39kDa
Calculated Mw:38kDa



Immunofluorescence analysis of HeLa cells using ASNA1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ASNA1 Polyclonal antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene represents the human homolog of the bacterial *arsA* gene, encoding the arsenite-stimulated ATPase component of the arsenite transporter responsible for resistance to arsenicals. This protein is also a central component of a transmembrane domain (TMD) recognition complex (TRC) that is involved in the post-translational delivery of tail-anchored (TA) proteins from the cytosol to the endoplasmic reticulum (ER). It recognizes and selectively binds the TMD of TA proteins in the cytosol, and delivers them to the ER for insertion.

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