

## ARG64512 anti-ASNA1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ASNA1
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ASNA1
Species	Human
Immunogen	C-PHEVRGADKVNT
Conjugation	Un-conjugated
Alternate Names	EC 3.6.-.-; GET3; ARSA-I; Arsenite-stimulated ATPase; ATPase ASNA1; hARSA-I; hASNA-I; Transmembrane domain recognition complex 40 kDa ATPase subunit; ARSA1; TRC40; ASNA-I; Arsenical pump-driving ATPase

### Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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**Database links**

[GeneID: 439 Human](#)

[GeneID: 56495 Mouse](#)

[Swiss-port # O43681 Human](#)

[Swiss-port # O54984 Mouse](#)

**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. [provided by RefSeq, Oct 2011]

**Research Area**

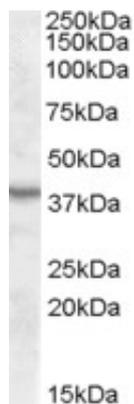
Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody

**Calculated Mw**

39 kDa

## Images

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ARG64512 anti-ASNA1 antibody WB image

Western Blot: Mouse Kidney lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. stained with ARG64512 anti-ASNA1 antibody at 1 µg/ml dilution.