

Rabbit ASNA1 Polyclonal Antibody | anti-ASNA1 antibody

ASNA1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201000	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

PRODUCT SYNONYMS

ASNA1; Polyclonal Antibody; ASNA1 antibody - C-terminal region; anti-ASNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Applicable Applications for anti-ASNA1 antibody	WB (Western Blot)
Gene Symbol	ASNA1
Alias Symbols	ARSA-I, ARSA1, MGC3821, GET3, TRC40, ASNA-I, hASNA-I
Protein Size (# AA)	348 amino acids
Official Gene Full Name	ArsA arsenite transporter, ATP-binding, homolog 1 (bacterial)
Peptide Sequence	Synthetic peptide located within the following region: EARHKKIQAQYLDQMEDLYEDFHIVKLPLLPHEVRGADKVNTFSALLLEPY
Protein Interactions	HILPDA; SEC61B; HUWE1; GPX7; ASPH; FAF1; VAPB; BAG6; UBC; APLN; STATH; SGTA; TUBB; RUVBL2; RARS; EIF6; HSPA8; UBL4A; SEC61A1; VAMP2; STX5; UBE2J1; TTR; TK1; PFDN1; CACNA1A; ASNA1;
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ASNA1
Sample Type Confirmation	ASNA1 is supported by BioGPS gene expression data to be expressed in MCF7
Replacement Item	This antibody may replace item sc-100676 from Santa Cruz Biotechnology.
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-ASNA1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive
Control: MCF7 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ASNA1 antibody	Description of Target: ASNA1 is the human homolog of the bacterial arsA gene. In E. coli, ArsA ATPase is the catalytic component of a multisubunit oxyanion pump that is responsible for resistance to arsenicals and antimonials.
Product Categories/Family for anti-ASNA1 antibody	Polyclonal; Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	50428938
NCBI GeneID	439
NCBI Accession #	NP_004308
NCBI GenBank Nucleotide #	NM_004317
UniProt Accession #	O43681
Molecular Weight	39kDa
NCBI Official Full Name	ATPase ASNA1
NCBI Official Synonym Full Names	arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)
NCBI Official Symbol	ASNA1
NCBI Official Synonym Symbols	GET3; ARSA1; TRC40; ARSA-I; ASNA-I
NCBI Protein Information	ATPase ASNA1
UniProt Protein Name	ATPase ASNA1
UniProt Gene Name	ASNA1
UniProt Entry Name	ASNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asna1-antibody-western-blot-elisa/201000>