

Rabbit ASNS Polyclonal Antibody | anti-ASNS antibody

ASNS Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288040	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Hamster, Rat)	ELISA, Western Blot

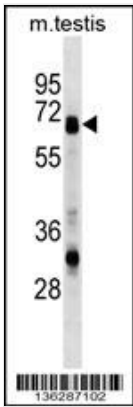
PRODUCT SYNONYMS

ASNS; Polyclonal Antibody; ASNS Antibody (N-term); Asparagine synthetase [glutamine-hydrolyzing]; Cell cycle control protein TS11; Glutamine-dependent asparagine synthetase; TS11; anti-ASNS antibody

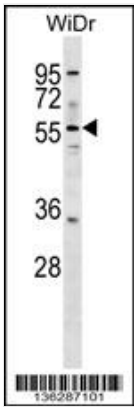
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Hamster, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ASNS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-147 amino acids from the N-terminal region of human ASNS.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	120-147
Sequence Length	540
Applicable Applications for anti-ASNS antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
ASNS Antibody (N-term) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the ASNS antibody detected the ASNS protein (arrow).



WB (Western Blot)
ASNS Antibody (N-term) western blot analysis in WiDr cell line lysates (35ug/lane).This demonstrates the ASNS antibody detected the ASNS protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ASNS antibody	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene.
Product Categories/Family for anti-ASNS antibody	Cancer; Metabolism; Signal Transduction
References	Akagi, T., et al. Leuk. Res. 33(7):991-996(2009) Hashimoto, K., et al. Anticancer Res. 29(4):1303-1308(2009) Su, N., et al. J. Biol. Chem. 283(50):35106-35117(2008) Luo, C.Y., et al. Zhonghua Xue Ye Xue Za Zhi 29(7):446-449(2008) Heng, H.H., et al. Cytogenet. Cell Genet. 66(2):135-138(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010848
NCBI GeneID	440
NCBI Accession #	NP_001171546.1; NP_001171547.1; NP_001171548.1; NP_001664.3; NP_597680.2; NP_899199.2
NCBI GenBank Nucleotide #	NM_001178075.1
UniProt Accession #	P08243; P08184; Q15666; Q549T9; Q96HD0; A4D1I8; B4DXZ1; B7ZAA9; D6W5R3; E9PCI3; E9PCX6
Molecular Weight	64370
NCBI Official Full Name	asparagine synthetase
NCBI Official Synonym Full Names	asparagine synthetase (glutamine-hydrolyzing)
NCBI Official Symbol	ASNS
NCBI Official Synonym Symbols	TS11; ASNSD
NCBI Protein Information	asparagine synthetase [glutamine-hydrolyzing]
UniProt Protein Name	Asparagine synthetase [glutamine-hydrolyzing]
UniProt Gene Name	ASNS

UniProt Synonym Gene Names	TS11
UniProt Entry Name	ASNS_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://www.aaabiotech.com/polyclonal/asns-antibody-western-blot-elisa/288040>