

ASNS Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16927A

Specification

ASNS Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P08243
Other Accession	P49088 , O61024 , P19891 , O1LZA3 , NP_001171547.1
Reactivity	Human, Mouse
Predicted	Bovine, Hamster, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	64370
Antigen Region	120-147

ASNS Antibody (N-term) - Additional Information

Gene ID 440

Other Names

Asparagine synthetase [glutamine-hydrolyzing], Cell cycle control protein TS11,
Glutamine-dependent asparagine synthetase, ASNS, TS11

Target/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.

Dilution

WB~~1:1000
E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ASNS Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ASNS Antibody (N-term) - Protein Information

Name ASNS

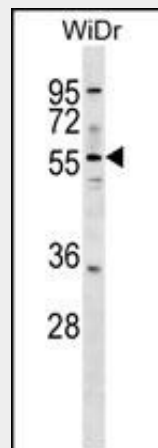
Synonyms TS11

ASNS Antibody (N-term) - Protocols

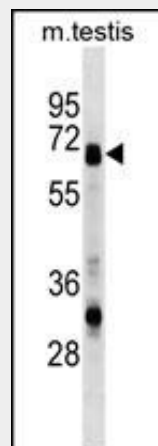
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ASNS Antibody (N-term) - Images



ASNS Antibody (N-term) (Cat. #AP16927a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the ASNS antibody detected the ASNS protein (arrow).



ASNS Antibody (N-term) (Cat. #AP16927a) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the ASNS antibody detected the ASNS protein (arrow).

ASNS Antibody (N-term) - Background

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.

ASNS Antibody (N-term) - 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)