

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

**Specification**

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**ASNS Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P08243</a>
Other Accession	<a href="#">P49088</a> , <a href="#">O61024</a> , <a href="#">P19891</a> , <a href="#">O1LZA3</a> , <a href="#">NP_001171547.1</a>
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

**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

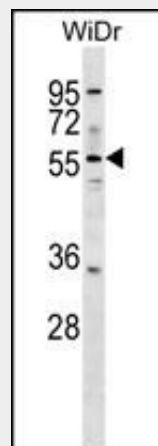
## Synonyms TS11

### ASNS Antibody (N-term) - Protocols

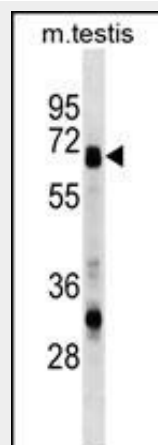
Provided below are standard protocols that you may find useful for product applications.

- [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)