10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

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, Q61024, P19891, Q1LZA3, 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

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

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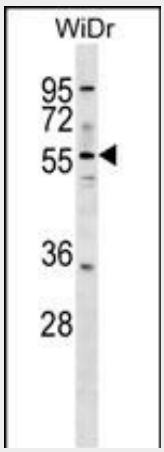
Synonyms TS11

ASNS Antibody (N-term) - Protocols

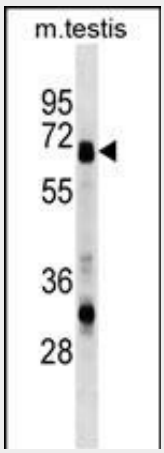
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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)
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