

**Napsin A**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22443a**

## Specification

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### Napsin A - Product Information

Application	WB,E
Primary Accession	<a href="#">O96009</a>
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	45387

### Napsin A - Additional Information

**Gene ID** 9476

#### Other Names

Napsin-A, 3.4.23.-, Aspartyl protease 4, ASP4, Asp 4, Napsin-1, TA01/TA02, NAPSA, NAP1, NAPA

#### Target/Specificity

This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.

#### 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

Napsin A is for research use only and not for use in diagnostic or therapeutic procedures.

### Napsin A - Protein Information

**Name** NAPSA

**Synonyms** NAP1, NAPA

**Function** May be involved in processing of pneumocyte surfactant precursors.

**Cellular Location**

Secreted.

#### Tissue Location

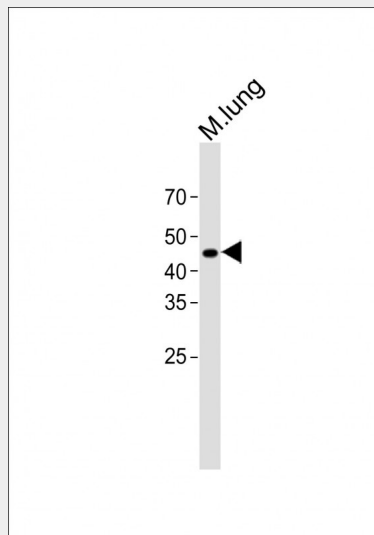
Expressed predominantly in adult lung (type II pneumocytes) and kidney and in fetal lung. Low levels in adult spleen and very low levels in peripheral blood leukocytes

#### Napsin A - 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](#)

#### Napsin A - Images



All lanes: Anti-Napsin A Antibody at 1:1000 dilution + Mouse lung lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 45 KDa Blocking/Dilution buffer: 5% NFDN/TBST.

#### Napsin A - Background

May be involved in processing of pneumocyte surfactant precursors.

#### Napsin A - References

- Tatnell P.J., et al. FEBS Lett. 441:43-48(1998).  
Chuman Y., et al. FEBS Lett. 462:129-134(1999).  
Yan R., et al. Nature 402:533-537(1999).  
Koelsch G., et al. Submitted (OCT-1998) to the EMBL/GenBank/DDBJ databases.