

NAPSA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13772b**Specification**

NAPSA Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O96009](#)

NAPSA Antibody (C-term) Blocking peptide - Additional Information

Gene ID 9476

Other Names

Napsin-A, 3423-, Aspartyl protease 4, ASP4, Asp 4, Napsin-1, TA01/TA02, NAPSA, NAP1, NAPA

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13772b was selected from the C-term region of NAPSA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NAPSA Antibody (C-term) Blocking peptide - 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

NAPSA Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NAPSA Antibody (C-term) Blocking peptide - Images

NAPSA Antibody (C-term) Blocking peptide - Background

The activation peptides of aspartic proteinases plays roles as inhibitors of the active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting, and control of the activation of aspartic proteinase zymogens. The pronapsin A gene is expressed predominantly in lung and kidney. Its translation product is predicted to be a fully functional, glycosylated aspartic proteinase precursor containing an RGD motif and an additional 18 residues at its C-terminus. [provided by RefSeq].

NAPSA Antibody (C-term) Blocking peptide - References

Bishop, J.A., et al. Hum. Pathol. 41(1):20-25(2010) Woischnik, M., et al. Eur. Respir. J. 31(6):1197-1204(2008) Ueno, T., et al. Lab. Invest. 88(3):256-263(2008) Innocenti, M., et al. Nat. Cell Biol. 6(4):319-327(2004) Brasch, F., et al. J. Biol. Chem. 278(49):49006-49014(2003)