abcam

Product datasheet

Anti-NAPSIN A antibody [NAPSA/1239] - BSA free ab213061

2 Images

Overview

Product name	Anti-NAPSIN A antibody [NAPSA/1239] - BSA free
Description	Mouse monoclonal [NAPSA/1239] to NAPSIN A - BSA free
Host species	Mouse
Tested applications	**Suitable for:** IHC-P, WB
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment within Human NAPSIN A aa 189-299. The exact sequence is proprietary. Database link: **O96009**
Positive control	Human lung adenocarcinoma tissue; K562 and HEK293 cell lysates.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituent: 99% PBS
Purity	Protein A/G purified
Purification notes	ab213061 was purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	NAPSA/1239
Isotype	IgG1

Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab213061 in the following tested applications.

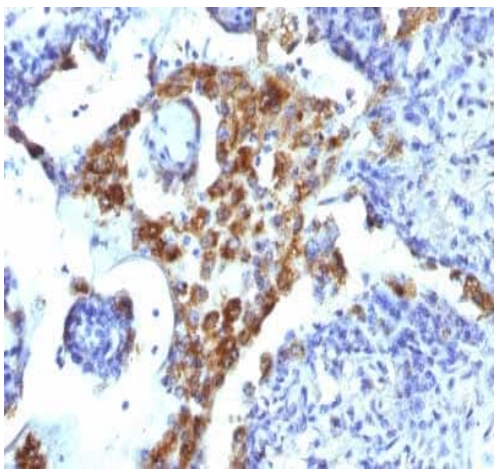
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. (Primary incubation for 30 minutes at RT).
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 45 kDa. (Primary incubation for 60 minutes at RT).

Target

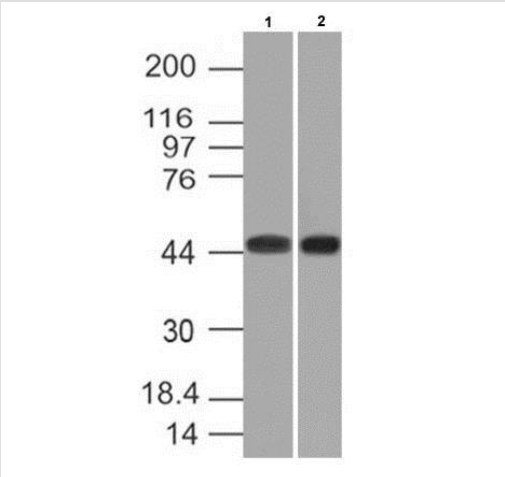
Function	May be involved in processing of pneumocyte surfactant precursors.
Tissue specificity	Expressed predominantly in adult lung (type II pneumocytes) and kidney and in fetal lung. Low levels in adult spleen and very low levels in peripheral blood leukocytes.
Sequence similarities	Belongs to the peptidase A1 family.
Cellular localization	Secreted.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NAPSIN A antibody [NAPSA/1239] - BSA free (ab213061)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung adenocarcinoma tissue labeling NAPSIN A with ab213061 at 2 µg/ml.



Western blot - Anti-NAPSIN A antibody [NAPSA/1239] - BSA free (ab213061)

All lanes : Anti-NAPSIN A antibody [NAPSA/1239] - BSA free (ab213061) at 2 µg/ml

Lane 1 : K562 cell lysate

Lane 2 : HEK293 cell lysate

Predicted band size: 45 kDa

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