

Rabbit NAPSA Polyclonal Antibody | anti-NAPSA antibody

NAPSA Polyclonal Antibody

CATALOG # AAA179418	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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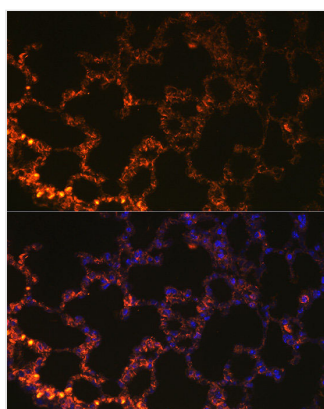
PRODUCT SYNONYMS

NAPSA; Polyclonal Antibody; NAPSA Polyclonal Antibody; KAP; Kdap; NAP1; NAPA; SNAPA; napsin-A; Napsin A; anti-NAPSA antibody

PRODUCT SPECIFICATIONS

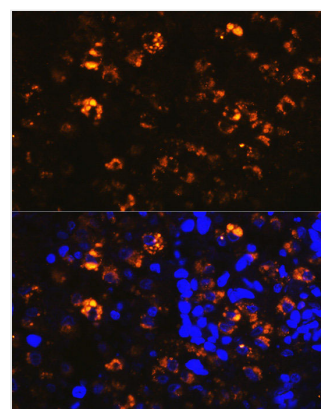
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NAPSA antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human NAPSA
Research Area	Cancer, Cell Biology, Tags and Cell Markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



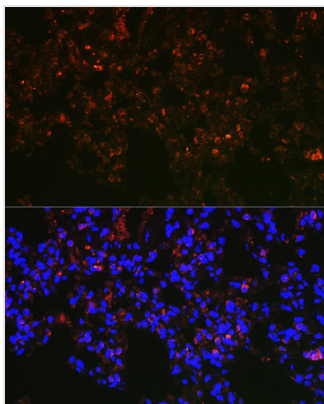
IF (Immunofluorescence)

Immunofluorescence analysis of mouse lung cells using NAPSA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



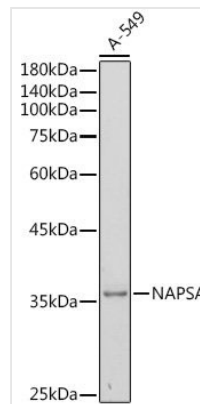
IF (Immunofluorescence)

Immunofluorescence analysis of human lung cancer cells using NAPSA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat lung cells using Napsin-A Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of A-549 cells using Napsin-A Polyclonal Antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-Napsin-A antibody	This gene encodes a member of the peptidase A1 family of aspartic proteases. The encoded preproprotein is proteolytically processed to generate an activation peptide and the mature protease. The activation peptides of aspartic proteinases function as inhibitors of the protease 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 encoded protease may play a role in the proteolytic processing of pulmonary surfactant protein B in the lung and may function in protein catabolism in the renal proximal tubules. This gene has been described as a marker for lung adenocarcinoma and renal cell carcinoma.
Product Categories/Family for anti-Napsin-A antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758754
NCBI GeneID	9476
NCBI Accession #	NP_004842.1
NCBI GenBank Nucleotide #	NM_004851.2
UniProt Accession #	O96009; Q8WWD9
Molecular Weight	45,387 Da
NCBI Official Full Name	napsin-A preproprotein
NCBI Official Synonym Full Names	napsin A aspartic peptidase
NCBI Official Symbol	NAPSA
NCBI Official Synonym Symbols	KAP; Kdap; NAP1; NAPA; SNAPA
NCBI Protein Information	napsin-A
UniProt Protein Name	Napsin-A
UniProt Gene Name	NAPSA
UniProt Synonym Gene Names	NAP1; NAPA; ASP4; Asp 4
UniProt Entry Name	NAPSA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

