

Mouse Napsin A Monoclonal Antibody | anti-NAPSA antibody

Napsin A (Lung Adenocarcinoma Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214598	Mouse	Human. Others not known.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

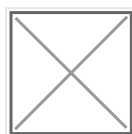
PRODUCT SYNONYMS

Napsin A; Monoclonal Antibody; Napsin A (Lung Adenocarcinoma Marker); ASP4; Aspartyl protease 4; KAP; Kidney derived aspartic protease like protein (Kdap); NAP1; NAPA; Napsa; napsin A aspartic peptidase; Pronapsin A; SNAPA; anti-NAPSA antibody

PRODUCT SPECIFICATIONS

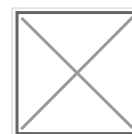
Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	rNAPSA/1239
Specificity	Napsin is a pepsin-like aspartic proteinase connected with maturation of surfactant protein B. There are two closely related napsins, napsin A and napsin B. Napsin A is expressed as a single chain protein. Immunohistochemical studies revealed high expression levels of napsin A in human lung and kidney but low expression in spleen. Napsin A is expressed in type II pneumocytes and in adenocarcinomas of lung. The high specificity expression of napsin A in adenocarcinomas of lung is useful to distinguish primary lung adenocarcinomas from adenocarcinomas of other organs.
Form/Format	200ug/ml of Ab purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
Sequence Length	420
Applicable Applications for anti-NAPSA antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant fragment of human Napsin-A protein (aa 189-299)
Cellular Localization	Cytoplasmic
Hu-chromosome Location	19q13.33
Positive Control	Lung adenocarcinoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified Napsin A Mouse Monoclonal Antibody (rNAPSA/1239).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Lung Adenocarcinoma stained with Napsin A Mouse Recombinant Monoclonal Antibody (rNAPSA/1239).

ADDITIONAL INFORMATION

References	Ordenez, NG 2012 AdvAnatPathol 19: 66-73. Ye, J et. al.ApplImmunohistochemMolMorphol 19: 313-317. Bishop, JA et. al. Hum Pathol 41: 20-25
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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	37kDa
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

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/napsin-a-antibody-clone-rnapsa-1239-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/214598>