

Rabbit Napsin A Monoclonal Antibody | anti-NAPSA antibody

Napsin A (Lung Adenocarcinoma Marker)

CATALOG # AAA214599	HOST Rabbit	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry, Western Blot
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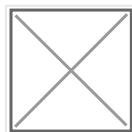
PRODUCT SYNONYMS

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

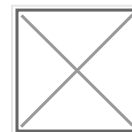
Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	NAPSA/1865R
Specificity	Napsin is a pepsin-like aspartic proteinase connected with maturation of surfactant protein B. There are two closely related napsins, napsin A and napsin B. Napsin A is expressed as a 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 recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	420
Applicable Applications for anti-NAPSA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human Napsin-A protein fragment (aa189-299)
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 Rabbit Recombinant Monoclonal Antibody (NAPSA/1865R).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Lung Adenocarcinoma stained with Napsin A Rabbit Recombinant Monoclonal Antibody (NAPSA/1865R).

ADDITIONAL INFORMATION

References	Ordonez, NG 2012 Adv Anat Pathol 19: 66-73. Ye, J et. al.Appl Immunohistochem Mol Morphol 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-napsa-1865r-immunohistochemistry-western-blot-elisa/214599>