

Rabbit anti-Human Napsin A Monoclonal Antibody | anti-NAPSA antibody

Napsin A (Lung Adenocarcinoma Marker) Recombinant Rabbit Monoclonal Antibody [Clone NAPSA/4400R]

CATALOG # AAA216065	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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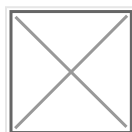
PRODUCT SYNONYMS

Napsin A; Monoclonal Antibody; Napsin A (Lung Adenocarcinoma Marker) Recombinant Rabbit Monoclonal Antibody [Clone NAPSA/4400R]; 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
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	NAPSA/4400R
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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA at 1.0mg/ml (varies by lot)
Applicable Applications for anti-NAPSA antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant fragment (aa50-150) of human Napsin A protein (exact sequence is proprietary)
Cellular Localization	Cytoplasmic
Positive Control	Lung adenocarcinoma
Hu-chromosome Location	19q13.33
Unigene	512843
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



IHC (Immunohistochemistry)

IHC analysis of formalin-fixed, paraffin-embedded human lung adenocarcinoma.

NAPSA/4400R at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9. 0, 45min. 2 degree :

HRP-polymer, 30min. DAB, 5min.

ADDITIONAL INFORMATION

Related Product Information for anti-NAPSA antibody	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.
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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	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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/napsin-a-antibody-clone-napsa-4400r-immunohistochemistry-elisa/216065>