

ARG66644
anti-NAPSIN A antibody [SQab19163]Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab19163] recognizes NAPSIN A
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab19163
Isotype	IgG
Target Name	NAPSIN A
Species	Human
Immunogen	Synthetic peptide within aa. 50-150 of Human NAPSIN A.
Conjugation	Un-conjugated
Alternate Names	ASP4; EC 3.4.23.-; NAP1; TA01/TA02; Napsin-1; SNAPA; Asp 4; KAP; NAPA; Aspartyl protease 4; Kdap; Napsin-A

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200

Application Note IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

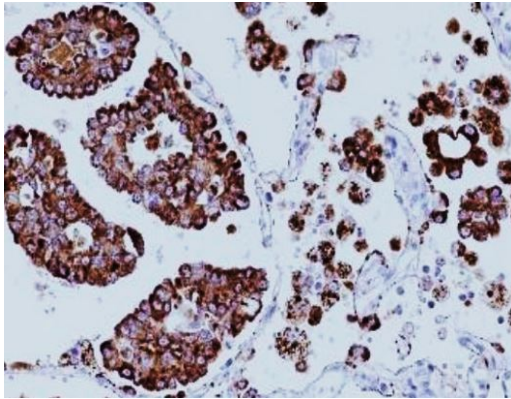
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NAPSA
Gene Full Name	napsin A aspartic peptidase
Background	The activation peptides of aspartic proteinases plays role as inhibitors of the 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 pronapsin A gene is expressed predominantly in lung and kidney. Its translation product is predicted to be a fully functional, glycosylated aspartic proteinase precursor containing an RGD motif and an additional 18 residues at its C-terminus. [provided by RefSeq, Jul 2008]
Function	May be involved in processing of pneumocyte surfactant precursors. [UniProt]
Calculated Mw	45 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG66644 anti-NAPSIN A antibody [SQab19163] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human lung adenocarcinoma tissue stained with ARG66644 anti-NAPSIN A antibody [SQab19163]. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).