ARG56197
anti-NAPSIN A antibody [NAPSA/1238]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [NAPSA/1238] recognizes NAPSIN A
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	NAPSA/1238
Isotype	IgG, kappa
Target Name	NAPSIN A
Species	Human
Immunogen	A recombinant fragment from the human NAPSIN A protein.
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	2 - 5 µg/ml
WB	1 - 2 µg/ml

Application Note: IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Citrate buffer (pH 6.0) for 10-20 min, followed by cooling at RT for 20 min.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

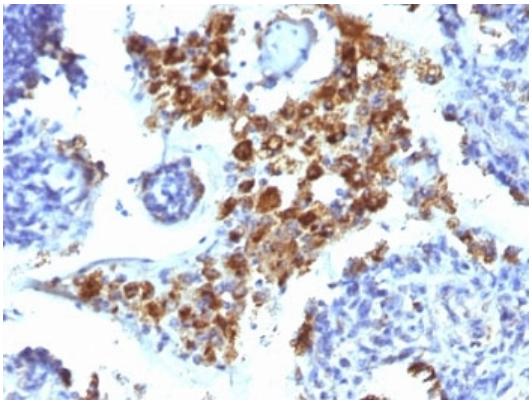
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. 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

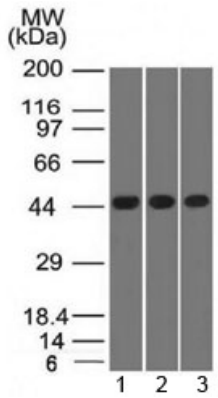
Database links	GeneID: 9476 Human Swiss-port # O96009 Human
Gene Symbol	NAPSA
Gene Full Name	napsin A aspartic peptidase
Background	The activation peptides of aspartic proteinases plays role as inhibitors of the active site. These peptide segments, or pro-parts, are deemed important for correct folding, 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	Cytoplasmic

Images



ARG56197 anti-NAPSIN A antibody [NAPSA/1238] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human lung Adenocarcinoma stained with ARG56197 anti-NAPSIN A antibody [NAPSA/1238].



ARG56197 anti-NAPSIN A antibody [NAPSA/1238] WB image

Western blot: 1) K562, 2) HEK293, and 3) A549 cell lysates stained with ARG56197 anti-NAPSIN A antibody [NAPSA/1238].