

Product Name: NAPSA Mouse Monoclonal Antibody
Catalog #: AMM82384



Summary

Production Name	NAPSA Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	NAPSA
Alternative Names	KAP; Kdap; NAP1; NAPA; SNAPA
Gene ID	9476.0
SwissProt ID	O96009.Synthesized peptide of human NAPSA (AA: KPIFVPLSNYRDVQYc).

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	45.4kDa

Background

This gene encodes a member of the peptidase A1 family of aspartic proteases. The encoded preproprotein is proteolytically

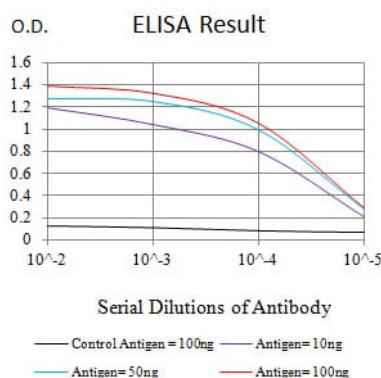
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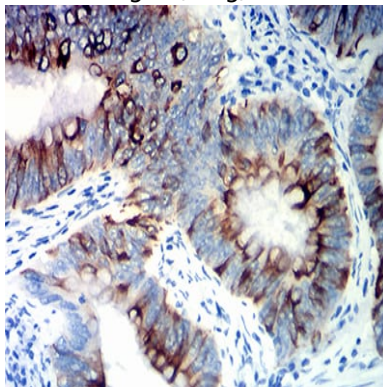
processed to generate an activation peptide and the mature protease. The activation peptides of aspartic proteinases function as inhibitors of the protease active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting, and control of the activation of aspartic proteinase zymogens. The encoded protease may play a role in the proteolytic processing of pulmonary surfactant protein B in the lung and may function in protein catabolism in the renal proximal tubules. This gene has been described as a marker for lung adenocarcinoma and renal cell carcinoma.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using NAPSA mouse mAb with DAB staining.

Note

For research use only.