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**Product Name: NAPSA Mouse Monoclonal Antibody****Catalog #: AMM81232**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ELISA
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	45.4kDa

**Antigen Information**

<b>Gene Name</b>	NAPSA
<b>Alternative Names</b>	KAP; Kdap; NAP1; NAPA; SNAPA
<b>Gene ID</b>	9476.0
<b>SwissProt ID</b>	O96009
<b>Immunogen</b>	Purified recombinant fragment of human NAPSA (AA: 20-158) expressed in E. Coli.

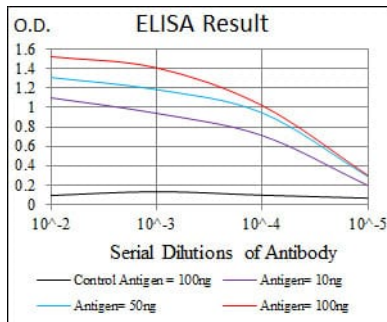
**Background**

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,

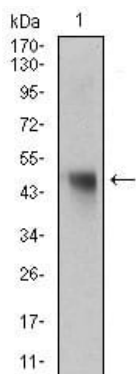
glycosylated aspartic proteinase precursor containing an RGD motif and an additional 18 residues at its C-terminus.

## Research Area

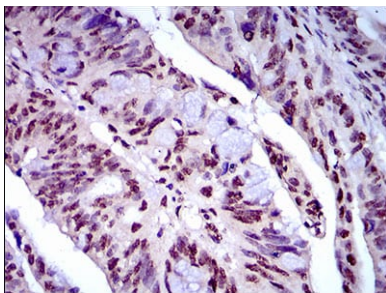
## Image Data



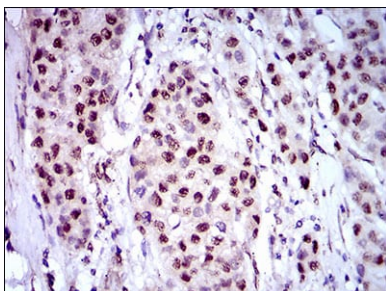
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using NAPSA mouse mAb against rat liver tissue lysate.



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



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