

Product Name: Napsin A Rabbit Polyclonal Antibody**Catalog #: APRab14408**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC, ICC/IF, ELISA
Reactivity	Human, Rat, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000

Molecular Weight

Antigen Information

Gene Name	NAPSA
Alternative Names	Napsin-A (EC 3.4.23.-; Aspartyl protease 4; ASP4; Asp 4; Napsin-1; TA01/TA02)
Gene ID	9476.0
SwissProt ID	O96009
Immunogen	Synthetic peptide from human protein at AA range: 191-240

Background

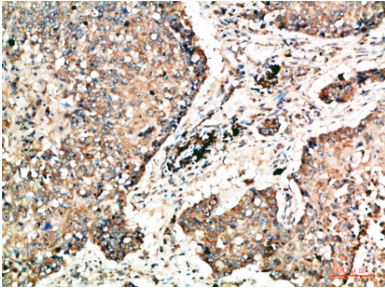
This gene encodes a member of the peptidase A1 family of aspartic proteases. The encoded preproprotein is proteolytically processed to generate an activation peptide and the mature protease. The activation peptides of aspartic proteinases function

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. [provided by RefSeq, Feb 2016],function:May be involved in processing of pneumocyte surfactant precursors.,similarity:Belongs to the peptidase A1 family.,tissue specificity:Expressed predominantly in adult lung (type II pneumocytes) and kidney and in fetal lung. Low levels in adult spleen and very low levels in peripheral blood leukocytes.,

Research Area

Lysosome;

Image Data



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:200