

Napsin A Recombinant antibody

Cat:B32070R

Company: Haokebio

Uniprot ID:O96009

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Napsin A is a pepsin-like aspartic protease consisting of 420 amino acids, which is mainly expressed in the lungs and kidneys. In the lungs, Napsin A is expressed in TTF-1-regulated type II alveolar cells and is involved in the production of surfactant protein B. Alveolar macrophages contain Napsin A, which is a result of phagocytosis. In the kidneys, Napsin A is expressed in the proximal convoluted tubules and participates in the catabolism of lysosomal proteins. Napsin A is of great importance in the differential diagnosis of lung adenocarcinoma from squamous cell carcinoma, and is often used in combination with TTF-1, CK5, and p63. For adenocarcinomas of unknown origin, NapA (Napsin A) and TTF-1 can assist in identifying a pulmonary origin, while NapA and PAX8 can help determine a renal origin.

Protein full name:

napsin A aspartic peptidase

Synonyms:

NAPSA, 1H7F2, Asp 4, ASP4, Aspartyl protease 4

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

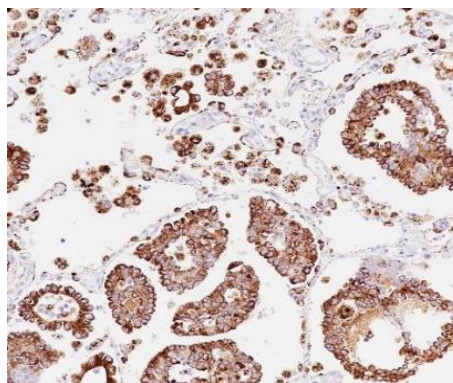
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Napsin A(B32070R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Napsin A(B32070R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.