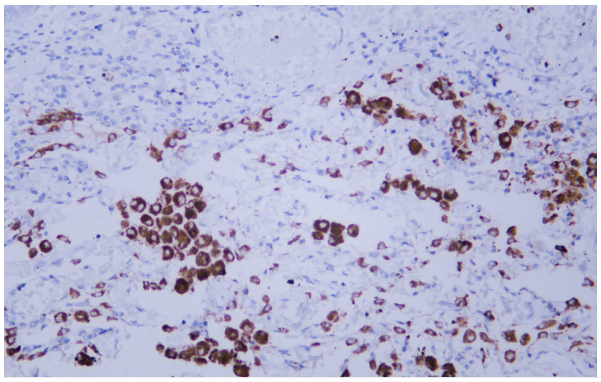
Napsin A mouse mAb(ABT-ASP4)

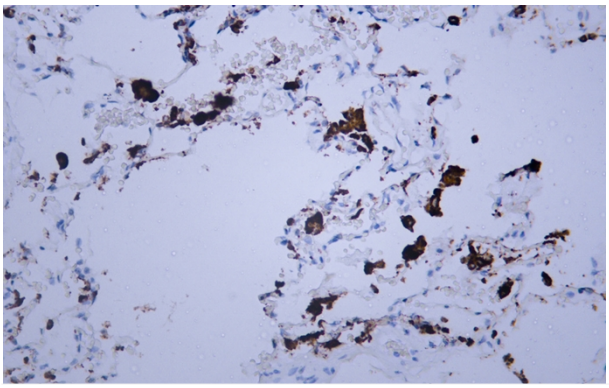
Catalog No	YP-Ab-15454
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF
Gene Name	NAPSA NAP1 NAPA
Protein Name	Napsin A
Immunogen	Synthesized peptide derived from human Napsin A
Specificity	This antibody detects endogenous levels of human Napsin A. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH9.0 was highly recommended as antigen repair method in paraffin section
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Mouse, Monoclonal/IgG1, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Napsin-A (EC 3.4.23.-;Aspartyl protease 4;ASP4;Asp 4;Napsin-1;TA01/TA02)
Observed Band	
Cell Pathway	Secreted .
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.
Function	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.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

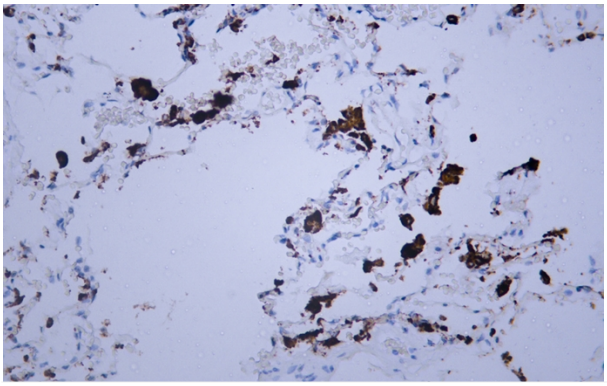
Products Images



Human lung adenocarcinoma tissue was stained with Anti-Napsin A (ABT-ASP4) Antibody



Human lung adenocarcinoma tissue was stained with Anti-Napsin A (ABT-ASP4) Antibody



Human lung tissue was stained with Anti-Napsin A (ABT-ASP4) Antibody