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Product datasheet for TA808773M

NAPSIN A (NAPSA) Mouse Monoclonal Antibody [Clone ID: OTI3A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3A4
Applications:	IF, IHC
Recommended Dilution:	IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 64-244 of human NAPSA(NP_004842) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42.7 kDa
Gene Name:	napsin A aspartic peptidase
Database Link:	NP_004842 Entrez Gene 9476 Human O96009
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. [provided by RefSeq, Jul 2008]

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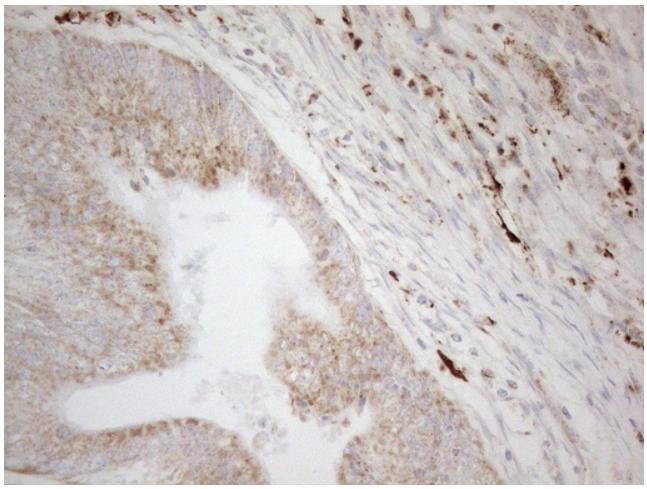
Synonyms: KAP; Kdap; NAP1; NAPA; SNAPA

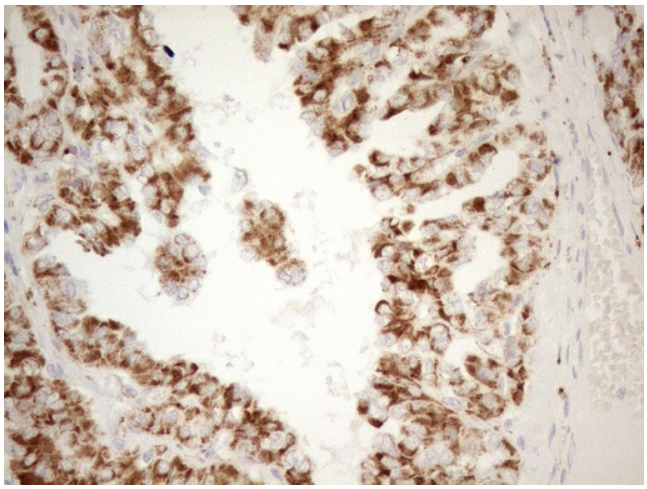
Protein Families: Druggable Genome, Protease

Protein Pathways: Lysosome

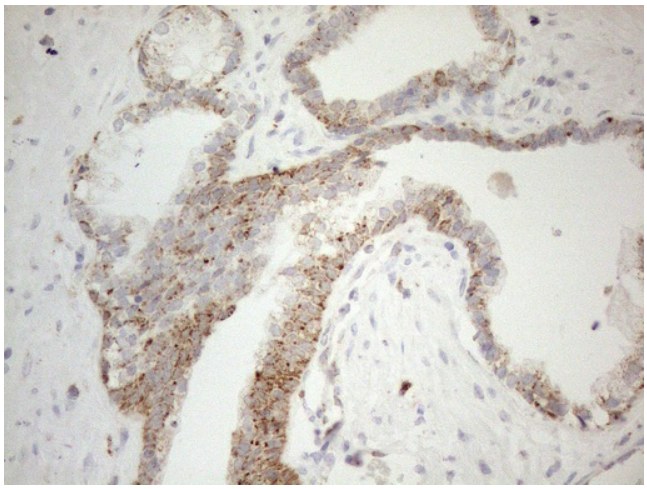
Product images:



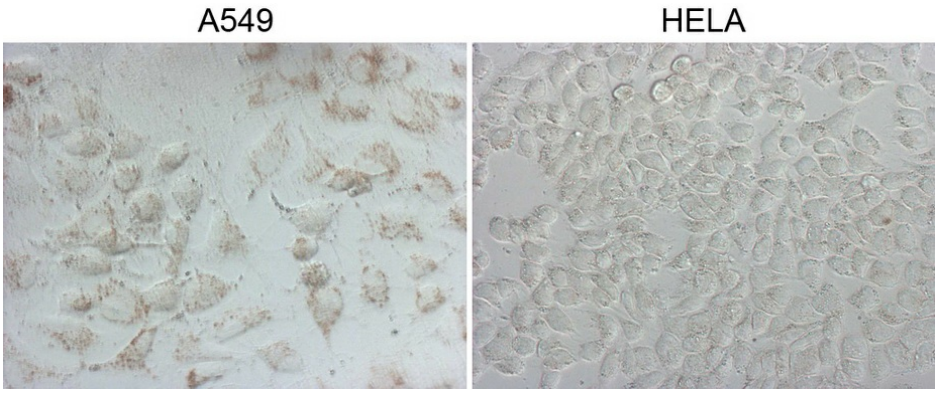
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-NAPSA mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-NAPSA mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-NAPSA mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunocytochemistry staining of A549 cells using anti-NAPSA mouse monoclonal antibody ([TA808773]). The right is HELA cells as negative control.