

Polyclonal-anti Napsin A

Clone no. -

MONOSAN Ready To Use

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Product name	Polyclonal-anti Napsin A
Host	Rabbit
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	-
Clonality	Monoclonal
Clone number	-
Size	7 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Napsin is a pepsin-like aspartic proteinase in the A1 clan of the AA clade of proteinases. There are two closely related napsins, napsin A (NAPSA) and napsin B (NAPSB). Napsin A is involved in processing propeptide pulmonary surfactant protein B (proSP-B) in the lung.<sup>4</sup> In normal tissue, Napsin A is expressed in type II pneumocytes of the lung and proximal tubules of the kidney. Napsin A is a useful marker for lung adenocarcinoma

**References**

1. Brasch F, et al. J Biol Chem. 2003; 278: 49006-14
2. Jagirdar J et al. Arch Pathol Lab Med. 2008; 132:384-96
3. Bishop JA, et al. Hum Pathol. 2010; 41:20-5
4. Ye J, et al. Appl Immunohistochem Mol Morphol. 2011; 19:313-17
5. Mukhopadhyay S, et al. Am J Surg Pathol. 2011; 35:15-25

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