

DATASHEET

Napsin A Mouse Monoclonal Antibody(C2862)

CAT. NO. AMA02474

KEY FEATURES

Target	Napsin A	Source / Host	Mouse
Reactivity	Human, Rat	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

May be involved in processing of pneumocyte surfactant precursors.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:500

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to Napsin A
Specificity	Recognizes endogenous levels of Napsin A protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Napsin A expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 45 kD; Observed: 45 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NAP1; NAPA; Napsin-A; Aspartyl protease 4; ASP4; Asp 4; Napsin-1; TA01/TA02
Gene Symbol	NAPSA
Entrez Gene	9476(Human)
SwissProt	O96009(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

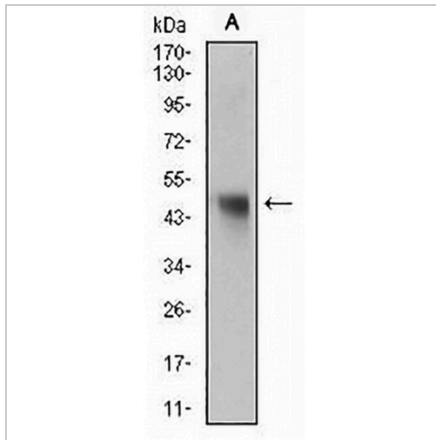
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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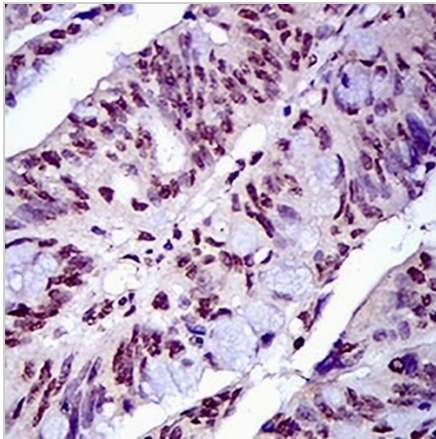
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Western blot analysis of Napsin A expression in rat liver (A) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 45 kD)



Immunohistochemical analysis of Napsin A staining in human rectum cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.