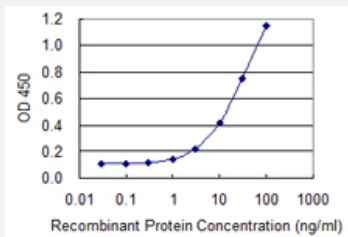


NAPSA monoclonal antibody (M09), clone 4D7

Catalog # H00009476-M09

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NAPSA is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant NAPSA.
Immunogen	NAPSA (AAH17842, 26 a.a. ~ 420 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LIRIPLHRVQPGRRTLNLLRGWREPAELPKLGAPSPGDKPIFVPLSNYRDVQYFGEIGLGTPPQNFT VAFDTGSSNLWVPSRRCHFFSVPCWLHHRFDPKASSSFQANGTKFAIQYGTGRVDGILSEDKLTI GGIKGASVIFGEALWEPSLVFAFAHFDGILGLGFILSVEGVRPPMDVLVEQGLLDKPVFSFYLN DPEEPDGGELVLGGSDPAHYIPPLTFVPVTPAYWQIHMERVKVGPLTLCAGKCAAILDTGTSLI TGPTEEIRALHAAIGGIPLLAGEYIILCSEIPKLPAVSFLLGGVWFNLTAHDYVIQTTRNGVRLCLSGF QALDVPPPAGPFWILGDVFLGTYVAVFDRGDMKSSARVGLARARTRGADLGWGETAQAQFPG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (71)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NAPSA is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NAPSA

Entrez GeneID
[9476](#)
GeneBank Accession#
[BC017842](#)
Protein Accession#
[AAH17842](#)
Gene Name

NAPSA

Gene Alias

KAP, Kdap, NAP1, NAPA, SNAPA

Gene Description

napsin A aspartic peptidase

Omim ID
[605631](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

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]

Other Designations

napsin A|pronapsin A

Pathway

- [Lysosome](#)