

RNPEP Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant RNPEP.****Catalog # AT3681a****Specification**

RNPEP Antibody (monoclonal) (M02) - Product Information

Application	IP, WB, E
Primary Accession	O9H4A4
Other Accession	NM_020216
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	72596

RNPEP Antibody (monoclonal) (M02) - Additional Information**Gene ID** 6051**Other Names**

Aminopeptidase B, AP-B, Arginine aminopeptidase, Arginyl aminopeptidase, RNPEP, APB

Target/Specificity

RNPEP (NP_064601, 551 a.a. ~ 650 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

RNPEP Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

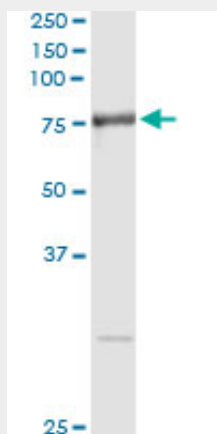
RNPEP Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

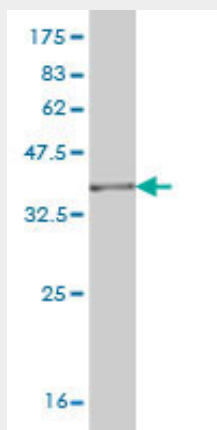
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

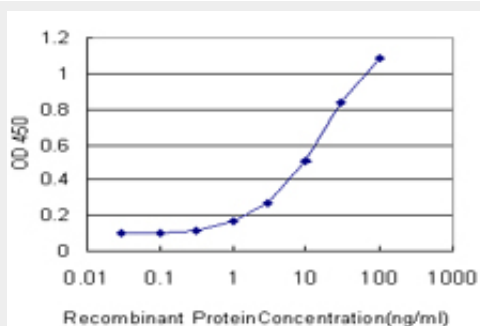
RNPEP Antibody (monoclonal) (M02) - Images



Immunoprecipitation of RNPEP transfected lysate using anti-RNPEP monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with RNPEP MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



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

RNPEP Antibody (monoclonal) (M02) - References

Aspartic acid 405 contributes to the substrate specificity of aminopeptidase B. Fukasawa KM, et al. Biochemistry, 2006 Sep 26. PMID 16981702. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Functional proteomics mapping of a human signaling pathway. Colland F, et al. Genome Res, 2004 Jul. PMID 15231748. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.