

**RNPEP Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17337C****Specification**

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**RNPEP Antibody (Center) - Product Information**

|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| Application       | WB,E                                                                          |
| Primary Accession | <a href="#">O9H4A4</a>                                                        |
| Other Accession   | <a href="#">O09175</a> , <a href="#">Q8VCT3</a> , <a href="#">NP_064601.3</a> |
| Reactivity        | Human                                                                         |
| Predicted         | Mouse, Rat                                                                    |
| Host              | Rabbit                                                                        |
| Clonality         | Polyclonal                                                                    |
| Isotype           | Rabbit IgG                                                                    |
| Calculated MW     | 72596                                                                         |
| Antigen Region    | 381-411                                                                       |

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

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

**Target/Specificity**

This RNPEP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 381-411 amino acids from the Central region of human RNPEP.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

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

**RNPEP Antibody (Center) - Protein Information****Name** RNPEP

### Synonyms APB

**Function** Exopeptidase which selectively removes arginine and/or lysine residues from the N-terminus of several peptide substrates including Arg(0)-Leu-enkephalin, Arg(0)-Met-enkephalin and Arg(-1)-Lys(0)-somatostatin-14. Can hydrolyze leukotriene A4 (LTA-4) into leukotriene B4 (LTB-4) (By similarity).

### Cellular Location

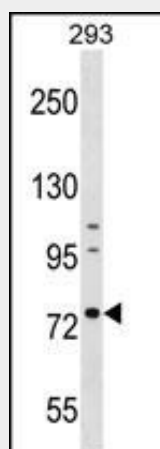
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### RNPEP Antibody (Center) - Protocols

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 (Center) - Images



RNPEP Antibody (Center) (Cat. #AP17337c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the RNPEP antibody detected the RNPEP protein (arrow).

### RNPEP Antibody (Center) - Background

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### RNPEP Antibody (Center) - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)  
Fukasawa, K.M., et al. Biochemistry 45(38):11425-11431(2006)  
Piesse, C., et al. Gene 292 (1-2), 129-140 (2002) :

Foulon, T., et al. Int. J. Biochem. Cell Biol. 31(7):747-750(1999)  
Balogh, A., et al. J. Cell. Sci. 111 (PT 2), 161-169 (1998) :