

**METAP1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17161c****Specification**

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**METAP1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P53582</a>
Other Accession	<a href="#">Q5ZIM5</a> , <a href="#">A6QLA4</a> , <a href="#">Q8BP48</a> , <a href="#">NP_055958.2</a>
Reactivity	Human
Predicted	Mouse, Bovine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43215
Antigen Region	188-216

**METAP1 Antibody (Center) - Additional Information****Gene ID** 23173**Other Names**

Methionine aminopeptidase 1 {ECO:0000255|HAMAP-Rule:MF\_03174}, MAP 1 {ECO:0000255|HAMAP-Rule:MF\_03174}, MetAP 1 {ECO:0000255|HAMAP-Rule:MF\_03174}, 341118 {ECO:0000255|HAMAP-Rule:MF\_03174}, Peptidase M 1 {ECO:0000255|HAMAP-Rule:MF\_03174}, METAP1, KIAA0094

**Target/Specificity**

This METAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-216 amino acids from the Central region of human METAP1.

**Dilution**

WB~~1:1000

**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**

METAP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**METAP1 Antibody (Center) - Protein Information**

**Name** METAP1

**Synonyms** KIAA0094

**Function** Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met- Ala-, Cys, Gly, Pro, Ser, Thr, or Val). Required for normal progression through the cell cycle.

**Cellular Location**

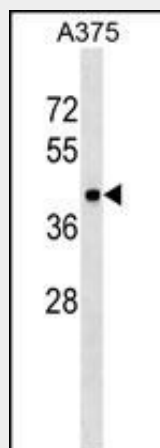
Cytoplasm {ECO:0000255|HAMAP-Rule:MF\_03174}.

### **METAP1 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](#)

### **METAP1 Antibody (Center) - Images**



METAP1 Antibody (Center) (Cat. #AP17161c) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the METAP1 antibody detected the METAP1 protein (arrow).

### **METAP1 Antibody (Center) - Background**

METAP1 removes the amino-terminal methionine from nascent proteins. Required for normal progression through the cell cycle.

### **METAP1 Antibody (Center) - References**

- Xiao, Q., et al. Biochemistry 49(26):5588-5599(2010)  
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :  
Ross, C.J., et al. Nat. Genet. 41(12):1345-1349(2009)

Hu, X.V., et al. *Biochemistry* 46(44):12833-12843(2007)  
Ewing, R.M., et al. *Mol. Syst. Biol.* 3, 89 (2007) :