

## ARG44188 anti-METAP1D antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes METAP1D
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	METAP1D
Species	Human
Immunogen	Recombinant protein of Human METAP1D
Conjugation	Un-conjugated
Alternate Names	METAP1D; Methionyl Aminopeptidase Type 1D, Mitochondrial; MAP1D; MetAP 1D; Metap1l; Methionine Aminopeptidase 1D, Mitochondrial; Peptidase M 1D; MAP 1D; CDS Of MetAP-3 Within PCR Fragment; Methionine Aminopeptidase 1D; EC 3.4.11.18

### Application Instructions

Application table	Application	Dilution
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

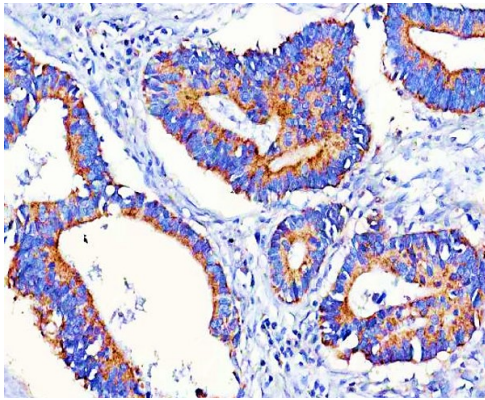
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

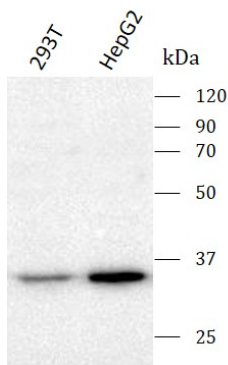
Gene Symbol	METAP1D
Gene Full Name	Methionyl Aminopeptidase Type 1D, Mitochondrial
Background	The N-terminal methionine excision pathway is an essential process in which the N-terminal methionine is removed from many proteins, thus facilitating subsequent protein modification. In mitochondria, enzymes that catalyze this reaction are called methionine aminopeptidases (MetAps, or MAPs; EC 3.4.11.18) (Serero et al., 2003 [PubMed 14532271]).
Function	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). Requires deformylation of the N(alpha)-formylated initiator methionine before it can be hydrolyzed.
Calculated Mw	37 kDa
Cellular Localization	Mitochondrion

## Images



ARG44188 anti-METAP1D antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG44188 anti-METAP1D antibody at 2  $\mu\text{g}/\text{mL}$  dilution.

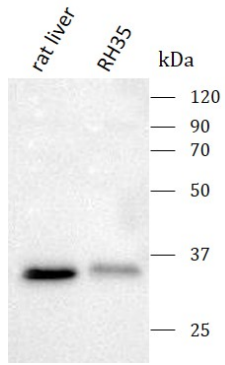


ARG44188 anti-METAP1D antibody WB image

Western blot: 293T and HepG2 stained with ARG44188 anti-METAP1D antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.

ARG44188 anti-METAP1D antibody WB image

Western blot: Rat liver and RH35 stained with ARG44188 anti-METAP1D antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



ARG44188 anti-METAP1D antibody WB image

Western blot: Neuro-2a stained with ARG44188 anti-METAP1D antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.

