

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.	

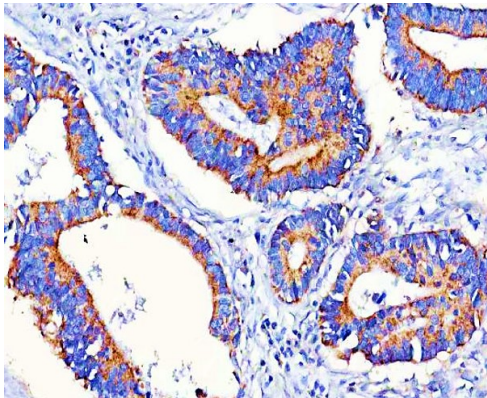
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 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

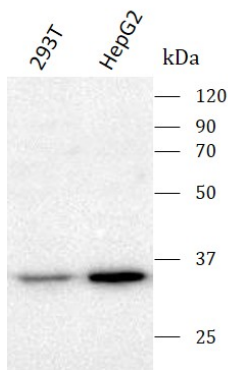
Gene Symbol	METAP1D
Gene Full Name	Methionyl Aminopeptidase Type 1D, Mitochondrial
Background	The N-terminal methionine excision pathway is an essential process in which the N-terminal methionine is removed from many proteins, thus facilitating subsequent protein modification. In mitochondria, enzymes 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 µg/mL dilution.

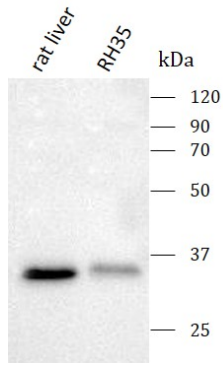


ARG44188 anti-METAP1D antibody WB image

Western blot: 293T and HepG2 stained with ARG44188 anti-METAP1D antibody at 0.5 µg/mL dilution.

ARG44188 anti-METAP1D antibody WB image

Western blot: Rat liver and RH35 stained with ARG44188 anti-METAP1D antibody at 0.5 µg/mL dilution.



ARG44188 anti-METAP1D antibody WB image

Western blot: Neuro-2a stained with ARG44188 anti-METAP1D antibody at 0.5 µg/mL dilution.

