

## METAP2 antibody

### Product Information

Catalog No.:	FNab05135
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

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). The catalytic activity of human METAP2 toward Met-Val peptides is consistently two orders of magnitude higher than that of METAP1, suggesting that it is responsible for processing proteins containing N-terminal Met-Val and Met-Thr sequences in vivo. Protects eukaryotic initiation factor EIF2S1 from translation-inhibiting phosphorylation by inhibitory kinases such as EIF2AK2/PKR and EIF2AK1/HCR. Plays a critical role in the regulation of protein synthesis.

### Immunogen information

Immunogen:	methionyl aminopeptidase 2
Synonyms:	Methionine aminopeptidase 2 (MAP 2, MetAP 2) Initiation factor 2-associated 67 kDa glycoprotein (p67, p67eIF2) Peptidase M METAP2 MNPEP P67EIF2
Observed MW:	67 kDa
Uniprot ID :	P50579

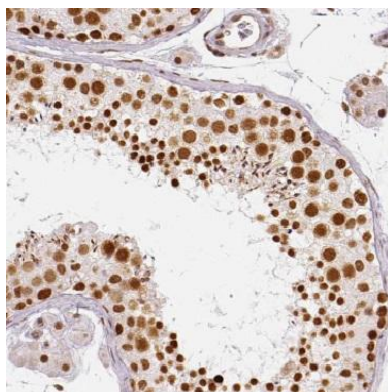
### Application

Reactivity:	Human, Mouse, Rat
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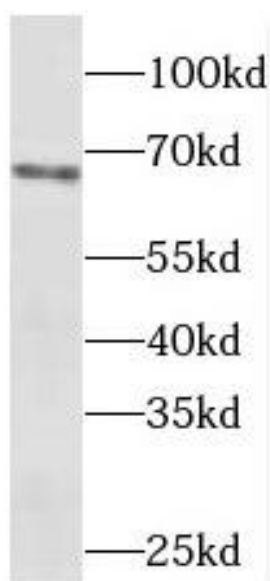
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab05135(METAP2 antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab05135(METAP2 antibody) at dilution of 1:300