

# METAP2 Rabbit pAb

Catalog No.: A5962

## Basic Information

### Observed MW

60kDa

### Calculated MW

53kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

The protein encoded by this gene is a member of the methionyl aminopeptidase family. The encoded protein functions both by protecting the alpha subunit of eukaryotic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionine residue from nascent proteins. Increased expression of this gene is associated with various forms of cancer, and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly binding to its active site. Inhibitors of this gene have also been shown to be effective for the treatment of obesity. A pseudogene of this gene is located on chromosome 2. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:200 - 1:2000

## Immunogen Information

### Gene ID

10988

### Swiss Prot

P50579

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human METAP2 (NP\_006829.1).

### Synonyms

MAP2; MNPEP; p67eIF2; METAP2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

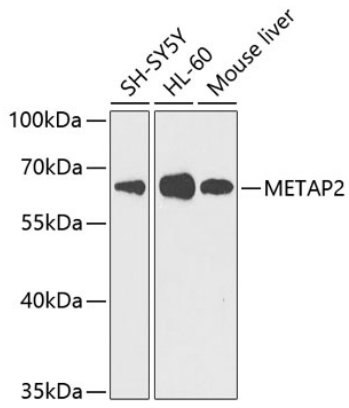
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using METAP2 antibody (A5962) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.