

METAP2 Rabbit mAb

Catalog No.: A3465 **Recombinant**

Basic Information

Observed MW

67kDa

Calculated MW

53kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2022

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 1:1000 - 1:5000

Immunogen Information

Gene ID

10988

Swiss Prot

P50579

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 380-478 of human METAP2 (NP_006829.1).

Synonyms

MAP2; MNPEP; p67eIF2; METAP2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

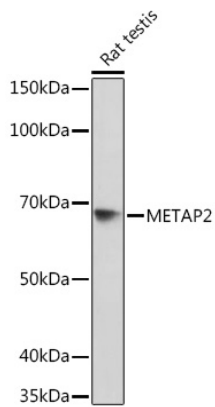
Affinity purification

Storage

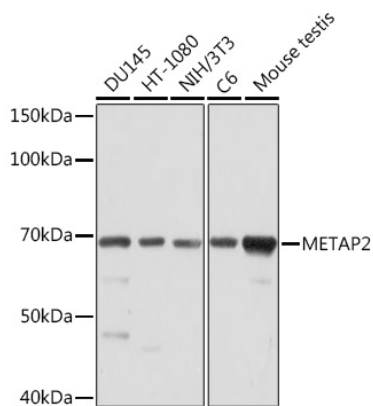
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of Rat testis, using METAP2 Rabbit mAb (A3465) 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: 10s.



Western blot analysis of extracts of various cell lines, using METAP2 Rabbit mAb (A3465) 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: 30s.