

AP12163PU-N**Polyclonal Antibody to METAP2 (C-term) - Purified****Alternate names:**

Initiation factor 2-associated 67 kDa glycoprotein, MAP 2, MNPEP, MetAP 2, Methionine aminopeptidase 2, P67EIF2, Peptidase M 2, p67eIF2

Quantity:

0.4 ml

Concentration:

lot specific

Background:

The ADP-ribosylation factor (Arf) family are highly conserved members of the Ras superfamily of regulatory GTP-binding proteins. Arf proteins participate in routing of intracellular proteins to and within the Golgi complex. Cellular functions include maintenance of organelle integrity, coat protein assembly, as an activator of phospholipase D. The Arf family is divided functionally into the Arf and the Arf-like (Arl) proteins. The ARF proteins are categorized as class I (ARF1, ARF2, and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization.

Uniprot ID:

[P50579](#)

NCBI:

[5874](#)

GenelD:

[10988](#)

Host / Isotype:

Rabbit / Ig

Immunogen:

This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human METAP2.

Format:

State: Liquid purified Ig fraction.

Purification: Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Buffer System: PBS with 0.09% (W/V) Sodium Azide as preservative.

Applications:

ELISA: 1/1,000.

Western Blot: 1/100-1/500.

Immunohistochemistry: 1/10-1/50.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody is specific to METAP2 (C-term).

Predicted to cross react with Mouse (100% Antigen Homology).

Species: Human.

Other species not tested.

Add. Information:

Predicted Molecular weight: 52891 Da

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

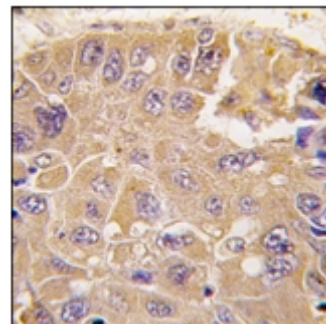
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

General Readings:

1. Wang, J., et al., Biochemistry 42(17):5035-5042 (2003).
2. Datta, R., et al., Exp. Cell Res. 283(2):237-246 (2003).
3. Endo, H., et al., J. Biol. Chem. 277(29):26396-26402 (2002).
4. Kanno, T., et al., Lab. Invest. 82(7):893-901 (2002).
5. Li, X., et al., Biochem. Biophys. Res. Commun. 227(1):152-159 (1996).

Pictures:

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with METAP2 antibody (C-term) (Cat#AP12163PU-N), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western blot analysis of METAP2 Antibody (C-term) (Cat.#AP2320b) in 293 cell line lysates (35 µg/lane). METAP2 (arrow) was detected using the purified Pab.

