

DNAPAb

Hard-to-Find
Antibody

METAP2 DNAPAb

Catalog # H00010988-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human METAP2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAGVEEVAASGSHLNGDLDPDDREEGAASTAEAAKKRRKKKKSKGPSAAGEQEPDKESGA SVDEVARQLERSALEDKERDEDEDGDGDGDGATGKKKKKKKKRGPKVQTDPPSVPICDLY PNGVFPKGQECEYPPTQDGRTAAWRTTSEEKKALDQASEEWNDFREAAEAHRQVRKYVMSWI KPGMTMIEICEKLEDCSRKLIKENGLNAGLAFPTGCSLNNCAAHYTPNAGDTTVLQYDDICKIDFGT HISGRIDCAFTVTFNPKYDTLLKAVKDATNTGIKCAGIDVRLCDVGEAIQEVMESEYEVEIDGKTYQV KPIRNLNGHSIGQYRIHAGKTVPIVKGGEATRMEEGEVYAIETFGSTGKGVVHDDMECSHYMKNFD VGHVPIRLPRTKHLLNVINENFGTLAFCCRWLDRLGESKYLMAKNLCDLGVDPPPLCDIKGSYT AQFEHTILLRPTCKEVVSRGDDY
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — METAP2

Entrez GeneID [10988](#)

GeneBank Accession# [NM_006838.3](#)

Protein Accession# [NP_006829.1](#)

Gene Name METAP2

Gene Alias MAP2, MNPEP, p67, p67eIF2

Gene Description methionyl aminopeptidase 2

Omim ID [601870](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the methionyl aminopeptidase family and encodes a protein that binds 2 cobalt or manganese ions. This 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 protein. 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. A pseudogene of this gene is located on chromosome 2. [provided by RefSeq]

Other Designations eIF-2-associated p67 homolog|initiation factor 2-associated 67 kDa glycoprotein|peptidase M 2

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)