

CPM Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11458c

Specification

CPM Antibody (Center) Blocking peptide - Product Information

Primary Accession [P14384](#)

CPM Antibody (Center) Blocking peptide - Additional Information

Gene ID 1368

Other Names

Carboxypeptidase M, CPM, CPM

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

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

CPM Antibody (Center) Blocking peptide - Protein Information

Name CPM

Function

Specifically removes C-terminal basic residues (Arg or Lys) from peptides and proteins. It is believed to play important roles in the control of peptide hormone and growth factor activity at the cell surface, and in the membrane-localized degradation of extracellular proteins.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor

CPM Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CPM Antibody (Center) Blocking peptide - Images

CPM Antibody (Center) Blocking peptide - Background

The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq].

CPM Antibody (Center) Blocking peptide - References

Rietschel, M., et al. Biol. Psychiatry 68(6):578-585(2010) Erickson-Johnson, M.R., et al. Mod. Pathol. 22(12):1541-1547(2009) Marquez-Curtis, L., et al. Stem Cells 26(5):1211-1220(2008) Zhang, X., et al. J. Biol. Chem. 283(12):7994-8004(2008) Elortza, F., et al. J. Proteome Res. 5(4):935-943(2006)