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MYCPP Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18015b

Specification

MYCPP Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q7Z401

MYCPP Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10260

Other Names
C-myc promoter-binding protein, DENN domain-containing protein 4A, DENND4A, IRLB, MYCPBP

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.

MYCPP Antibody (C-term) Blocking Peptide - Protein Information

Name DENND4A

Synonyms IRLB, MYCPBP

Function
Probable guanine nucleotide exchange factor (GEF) which may activate RAB10. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. According to PubMed:8056341, it may bind to ISRE-like element (interferon-stimulated response element) of MYC P2 promoter.

Cellular Location
Nucleus.

Tissue Location
Expressed ubiquitously. Highest expression in bone marrow, medium in peripheral blood lymphocytes and lowest in spleen. In brain, breast, and prostate, higher expression was seen in normal cells than in tumor cells. Expression is regulated in a growth- and cell cycle-dependent manner.

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MYCPP Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MYCPP Antibody (C-term) Blocking Peptide - Images

MYCPP Antibody (C-term) Blocking Peptide - Background

DENND4A binds to ISRE-like element (interferon-stimulated response element) of MYC P2 promoter.

MYCPP Antibody (C-term) Blocking Peptide - References

Kamatani, Y., et al. Nat. Genet. 42(3):210-215(2010)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Jin, J., et al. Curr. Biol. 14(16):1436-1450(2004)Semova, N., et al. Genomics 82(3):343-354(2003)Stasiv, Y.Z., et al. Gene 145(2):267-272(1994)