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GMEB2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9857a

Specification

GMEB2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9UKD1

GMEB2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 26205

Other Names
Glucocorticoid modulatory element-binding protein 2, GMEB-2, DNA-binding protein p79PIF, Parvovirus initiation factor p79, PIF p79, GMEB2, KIAA1269

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.

GMEB2 Antibody (N-term) Blocking Peptide - Protein Information

Name GMEB2

Synonyms KIAA1269

Function
Trans-acting factor that binds to glucocorticoid modulatory elements (GME) present in the TAT (tyrosine aminotransferase) promoter and increases sensitivity to low concentrations of glucocorticoids. Also binds to the transferrin receptor promoter. Essential auxiliary factor for the replication of parvoviruses.

Cellular Location
Nucleus. Cytoplasm. Note=May be also cytoplasmic.

Tissue Location
Expressed in peripheral blood lymphocytes and fetal liver. Expressed preferentially in reproductive and/or developmentally important cells, such as testis, placenta, bone marrow and fetal tissues

GMEB2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GMEB2 Antibody (N-term) Blocking Peptide - Images

GMEB2 Antibody (N-term) Blocking Peptide - Background

GMEB2 is a member of KDWK gene family. The product of this gene associates with GMEB1 protein, and the complex is essential for parvovirus DNA replication. Study of rat homolog implicates the role of this gene in modulation of transactivation by the glucocorticoid receptor bound to glucocorticoid response elements. This gene appears to use multiple polyadenylation sites.

GMEB2 Antibody (N-term) Blocking Peptide - References

Lim, J., et al. Cell 125(4):801-814(2006)Kaul, S., et al. J. Biol. Chem. 277(15):12541-12549(2002)Deloukas, P., et al. Nature 414(6866):865-871(2001)Burnett, E., et al. J. Mol. Biol. 314(5):1029-1039(2001)Kaul, S., et al. Mol. Endocrinol. 14(7):1010-1027(2000)