

Mouse Hipk3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13800b**Specification**

Mouse Hipk3 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9ERH7](#)**Mouse Hipk3 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 15259**Other Names**

Homeodomain-interacting protein kinase 3, Androgen receptor-interacting nuclear protein kinase, ANPK, Fas-interacting serine/threonine-protein kinase, FIST, Nuclear body-associated kinase 3, Nbak3, Hipk3, Fist3

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13800b was selected from the C-term region of Mouse Hipk3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

Mouse Hipk3 Antibody (C-term) Blocking peptide - Protein Information**Name** Hipk3**Synonyms** Fist3**Function**

Serine/threonine-protein kinase involved in transcription regulation, apoptosis and steroidogenic gene expression. Phosphorylates JUN and RUNX2. Seems to negatively regulate apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors. The phosphorylation of NR5A1 activates SF1 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. In osteoblasts, supports transcription activation: phosphorylates RUNX2 that synergizes with SPEN/MINT to enhance FGFR2- mediated activation of the osteocalcin FGF-responsive element (OCFRE).

Cellular Location

Cytoplasm. Nucleus.

Tissue Location

Heart, skeletal muscle, spleen, testis and lung.

Mouse Hipk3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Hipk3 Antibody (C-term) Blocking peptide - Images**Mouse Hipk3 Antibody (C-term) Blocking peptide - Background**

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