10320 Camino Santa Fe, Suite G
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MEIS1 Antibody
Rabbit mAb
Catalog # AP91405

Specification

MEIS1 Antibody - Product Information

Application	**WB, FC, IP**
Primary Accession	O00470
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
Homeo box protein Meis1; Leukemogenic homolog protein; MEIS 1; Meis homeo box 1; Meis1; Meis1 mouse homolog; MEIS1 protein;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**43016 Da**

MEIS1 Antibody - Additional Information

Dilution	**WB~~1:1000** **FC~~1:10~50** **IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human MEIS1**
Description	**MEIS proteins belong to the TALE (Three Amino Acid Loop Extension) homeobox containing transcription factor family. MEIS1 has been associated with leukemogenesis and neuroblastoma.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

MEIS1 Antibody - Protein Information

Name MEIS1

Function
Acts as a transcriptional regulator of PAX6. Acts as a transcriptional activator of PF4 in complex with PBX1 or PBX2. Required for hematopoiesis, megakaryocyte lineage development and vascular patterning. May function as a cofactor for HOXA7 and HOXA9 in the induction of myeloid leukemias.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

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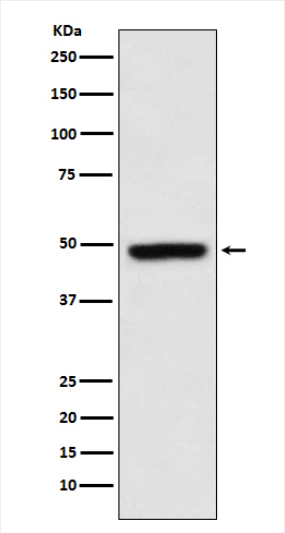
Tissue Location
Expressed at low level in normal immunohepatopoietic tissues, including the fetal liver. Expressed in a subset of myeloid leukemia cell lines, with the highest expression seen in those with a megakaryocytic-erythroid phenotype. Also expressed at high levels in the cerebellum

MEIS1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MEIS1 Antibody - Images



Western blot analysis of MEIS1 expression in K562 cell lysate.