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MEIS1 Antibody

Rabbit mAb
Catalog # AP91405

Product Information

Application	WB, FC, IP
Primary Accession	O00470
Reactivity	Rat, Human, Mouse
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

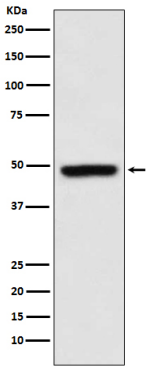
Additional Information

Dilution	WB 1:1000~1:5000 IP 1:50 FC 1:50
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.

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}.
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

Images



Western blot analysis of MEIS1 expression in K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.