

HOXA9 Rabbit Polyclonal Antibody



CAB1908

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

35kDa

Calculated MW:

30kDa

Applications:

WB

Reactivity:

Human, Mouse

Category:

Polyclonal Antibodies

Protein Background

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is highly similar to the abdominal-B (Abd-B) gene of *Drosophila*. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.

Immunogen information

Gene ID:

3205

Uniprot

P31269

Synonyms:

HOXA9; ABD-B; HOX1; HOX1.7; HOX1G

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Immunogen:

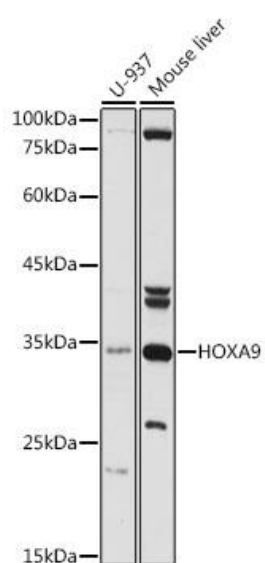
Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human HOXA9 (NP_689952.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using HOXA9 antibody (CAB1908) at 1:500 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% non-fat dry milk in TBST.

Detection: ECL Basic Kit (AbGn00020).

Exposure time: 10s.