info@arigobio.com

ARG65248
anti-HOXA9 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HOXA9
Tested Reactivity	Ms
Predict Reactivity	Hu, Rat, Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HOXA9
Species	Human
Immunogen	PDFSPCSFQSKA
Conjugation	Un-conjugated
Alternate Names	Homeobox protein Hox-A9; HOX1; HOX1.7; Homeobox protein Hox-1G; HOX1G; ABD-B

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

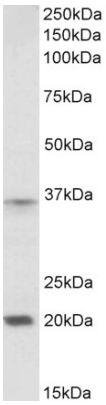
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 15405 Mouse Swiss-port # P09631 Mouse
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.[provided by RefSeq, Mar 2011]
Research Area	Developmental Biology antibody
Calculated Mw	30 kDa
PTM	Methylated on Arg-140 by PRMT5; methylation is critical for E-selectin induction.

Images



ARG65248 anti-HOXA9 antibody WB image

Western Blot: Moue Spleen lysate (35 µg protein in RIPA buffer) stained with ARG65248 anti-HOXA9 antibody at 2 µg/ml dilution.