

Anti-HOXA6 Antibody

Catalog # ABO10920

Product Information

Application	WB
Primary Accession	P31267
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Homeobox protein Hox-A6(HOXA6) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	3203
Other Names	Homeobox protein Hox-A6, Homeobox protein Hox-1B, HOXA6, HOX1B
Calculated MW	26339
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Subcellular Localization	Nucleus.
Source	Eukaryota
Protein Name	Homeobox protein Hox-A6
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human HOXA6(95-114aa KQRGPGDYLHFSPEQQYKPD), identical to the related rat and mouse sequences.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the Antp homeobox family.

Protein Information

Name	HOXA6
Synonyms	HOX1B
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Cellular Location	Nucleus.

Background

HOXA6(HOMEODOMAIN A6), also known as HOX1B, MOUSE or HOMOLOG OF, is a protein that in humans is encoded by the HOXA6 gene, which is also part of the A cluster on chromosome 7. HOXA6 encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Its cytogenetic location is 7q15.2. 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.

Images



Anti-HOXA6 antibody, ABO10920, Western blotting
Lane 1: SW620 cell Lysate
Lane 2: SW620 cell Lysate
Lane 3: HELA cell Lysate
Lane 4: HT1080 cell Lysate
Lane 5: HT1080 cell Lysate

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