

Anti-HOXA6 Antibody

Catalog # ABO10920

Specification

Anti-HOXA6 Antibody - Product Information

Application WB
Primary Accession P31267
Host Rabbit

Reactivity Human, Mouse, Rat

Clonality Polyclonal 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.

Anti-HOXA6 Antibody - Additional Information

Gene ID 3203

Other Names

Homeobox protein Hox-A6, Homeobox protein Hox-1B, HOXA6, HOX1B

Calculated MW 26339 MW KDa

Application Details

Western blot, 0.1-0.5 μg/ml, Human, Rat, Mouse

Subcellular Localization

Nucleus.

Protein Name

Homeobox protein Hox-A6

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.

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 r°Constitution, 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 SimilaritiesBelongs to the Antp homeobox family.

Anti-HOXA6 Antibody - Protein Information

Name HOXA6

Synonyms HOX1B

Function

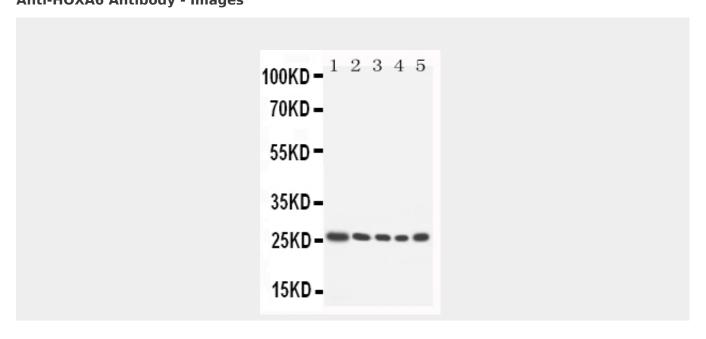
Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

Cellular Location Nucleus.

Anti-HOXA6 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
- <u>Cell Culture</u> Anti-HOXA6 Antibody - Images









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

Anti-HOXA6 Antibody - Background

HOXA6(HOMEOBOX 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.