

HoxA5 Polyclonal Antibody

Catalog No: YT2211

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA

Target: HoxA5

Gene Name: HOXA5

Protein Name: Homeobox protein Hox-A5

P20719

P09021

Human Gene ld: 3202

Human Swiss Prot

No:

Mouse Gene ld: 15402

Mouse Swiss Prot

No:

Rat Swiss Prot No: P52949

Immunogen: Synthesized peptide derived from the N-terminal region of human HoxA5.

Specificity: HoxA5 Polyclonal Antibody detects endogenous levels of HoxA5 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 40kD

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. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis.

[provided by RefSeq, Jul 2008],

Function: developmental stage:Expressed during embryogenesis and in adult

kidney.,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. Also binds to its own promoter. Binds specifically to the motif 5'-CYYNATTA[TG]Y-3'.,similarity:Belongs to the Antp

homeobox family., similarity: Contains 1 homeobox DNA-binding domain.,

Subcellular Location:

Expression : Ovary,

Nucleus.

Tag: orthogonal

Sort: 940

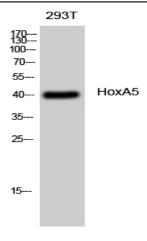
No4: 1

Host: Rabbit

Modifications: Unmodified

Products Images

2/3



Western Blot analysis of 293T cells using HoxA5 Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).