

HoxA5 Polyclonal Antibody

Catalog No :	YT2211
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	HoxA5
Gene Name :	HOXA5
Protein Name :	Homeobox protein Hox-A5
Human Gene Id :	3202
Human Swiss Prot No :	P20719
Mouse Gene Id :	15402
Mouse Swiss Prot No :	P09021
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

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.,

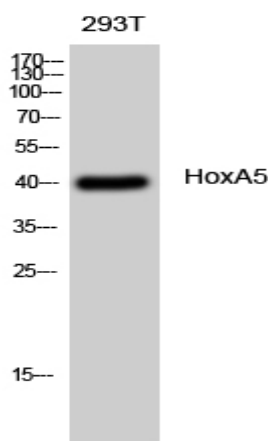
Subcellular Location :

Nucleus.

Expression :

Ovary,

Products Images



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, Inventibiotech, MN, USA).