

## HoxA6 rabbit pAb

**Cat#: orb765432 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	HoxA6 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HOXA6. AA range:101-150
<b>Specificity</b>	HoxA6 Polyclonal Antibody detects endogenous levels of HoxA6 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Homeobox protein Hox-A6
<b>Gene Name</b>	HOXA6
<b>Cellular localization</b>	Nucleus.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

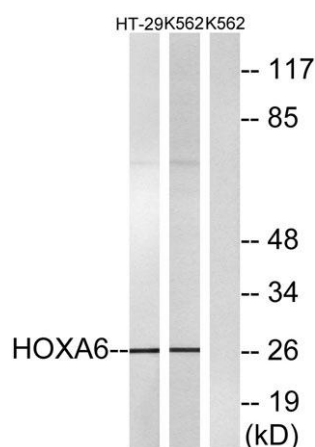
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	26kD
<b>Human Gene ID</b>	3203
<b>Human Swiss-Prot Number</b>	P31267
<b>Alternative Names</b>	HOXA6; HOX1B; Homeobox protein Hox-A6; Homeobox protein Hox-1B

### 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. [provided by RefSeq, Jul 2008],



**Western Blot analysis of various cells using HoxA6 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).**



**Western blot analysis of lysates from HT-29 and K562 cells, using HOXA6 Antibody. The lane on the right is blocked with the synthesized peptide.**



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