



# HoxA11/D11 rabbit pAb

Cat No.:ES2556

For research use only

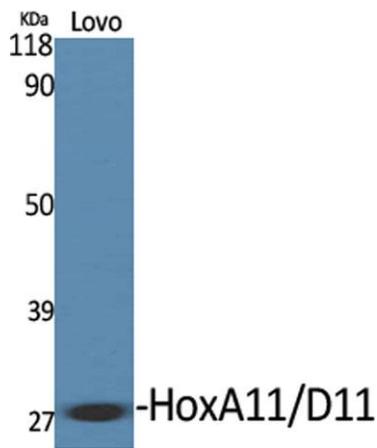
## Overview

<b>Product Name</b>	HoxA11/D11 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HOXA11/D11. AA range:216-265
<b>Specificity</b>	HoxA11/D11 Polyclonal Antibody detects endogenous levels of HoxA11/D11 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-A11/D11
<b>Gene Name</b>	HOXA11/HOXD11
<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>	28kD
<b>Human Gene ID</b>	3207/3237
<b>Human Swiss-Prot Number</b>	P31270/P31277
<b>Alternative Names</b>	HOXA11; HOX1I; Homeobox protein Hox-A11; Homeobox protein Hox-1I; HOXD11; HOX4F; Homeobox protein Hox-D11; Homeobox protein Hox-4F
<b>Background</b>	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are

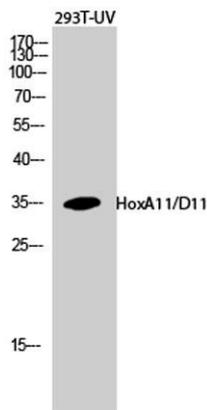




found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using HoxA11/D11 Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



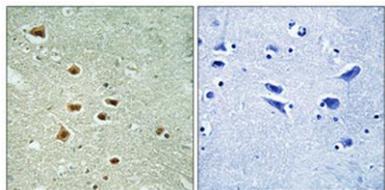
Western Blot analysis of 293T-UV cells using HoxA11/D11 Polyclonal Antibody diluted at 1:500 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



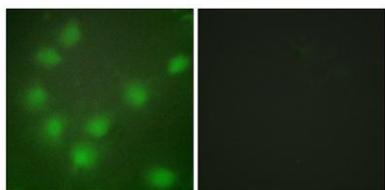


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Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by i



Immunofluorescence analysis of HUVEC cells, using HOXA11/D11 Antibody. The picture on the right is blocked with the synthesized peptide.



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