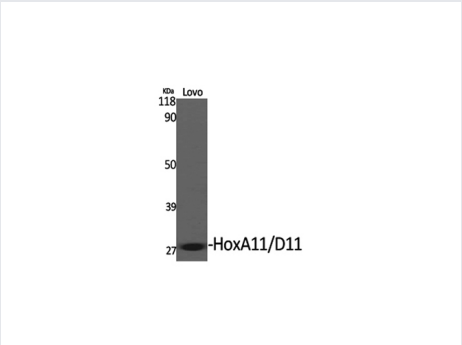
HoxA11/D11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HoxA11/D11, Polyclonal Antibody
Full Product Name	HoxA11/D11 Polyclonal Antibody
Product Gene Name	anti-HoxA11/D11 antibody
Product Synonym Names	HOXA11; HOX1I; Homeobox protein Hox-A11; Homeobox protein Hox-1I; HOXD11; HOX4F; Homeobox protein Hox-D11; Homeobox protein Hox-4F
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Antigen Affinity Purified
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated MW: 34 Observed MW: 28
OMIM	142986
Immunogen	Synthesized peptide derived from the C-terminal region of human HoxA11/D11.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Product Categories/Family for anti-HoxA11/D11 antibody	Cancer; Epigenetics
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HoxA11/D11 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-HoxA11/D11 antibody	WB: 1:500-1:2000, IHC: 1:50-1:200, IF: 1:50-1:100, ELISA: 1:5000-1:20000
Related Product Information for anti-HoxA11/D11 antibody	MBS2534754 is an antibody targeting HoxA11/D11. Also known as HoxA11/D11 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-HoxA11/D11 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-HoxA11/D11 antibody
Western Blot analysis of various cells using HoxA11/D11 Polyclonal Antibody at dilution of 1:500.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HoxA11/D11. It may not necessarily be applicable to this product.

NCBI GI #	23510368
NCBI GeneID	3237
NCBI Accession #	NP_067015.2
UniProt Secondary Accession #	Q9NS02; A6NIS4
UniProt Related Accession #	P31277
GenBank Nucleotide #	NM_021192.2
NCBI Official Full Name	homeobox protein Hox-D11
NCBI Official Synonym Full Names	homeobox D11
NCBI Official Symbol	HOXD11
NCBI Official Synonym Symbols	HOX4; HOX4F
UniProt Protein Name	Homeobox protein Hox-D11
UniProt Synonym Protein Names	Homeobox protein Hox-4F
UniProt Gene Name	HOXD11
UniProt Synonym Gene Names	HOX4F
UniProt Entry Name	HXD11_HUMAN
NCBI Protein Information	homeobox protein Hox-D11
NCBI Summary for HoxA11/D11	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. The product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis. [provided by RefSeq, Jul 2008]
UniProt Comments for HoxA11/D11	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
Research Articles on HoxA11/D11	**1.** POU2F1 activity regulates HOXD10 and HOXD11 gene expression in head and neck squamous cell carcinoma, promoting a proliferative and invasive phenotype.

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