



## Rabbit Anti-HOXD3 antibody

SL17371R

<b>Product Name:</b>	HOXD3
<b>Chinese Name:</b>	同源盒蛋白D3抗体
<b>Alias:</b>	homeo box D3; Homeobox D3; Homeobox protein Hox D3; Homeobox protein Hox-4A; Homeobox protein Hox-D3; Homeobox protein HoxD3; homeodomain protein; Homeodomain protein; HOX 1D; HOX 4; Hox 4.1; Hox 4A; HOX D3; Hox-4.1 mouse homolog of; HOX1D; HOX4; Hox4.1; HOX4A; HOXD 3; HOXD3; HXD3_HUMAN; MGC10470.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	46kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human HOXD3:201-300/432
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in the regulation of cell adhesion processes. [provided by RefSeq, Jul 2008]

**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.

**Subcellular Location:**

Nucleus.

**Similarity:**

Belongs to the Antp homeobox family.  
Contains 1 homeobox DNA-binding domain.

**SWISS:**

P31249

**Gene ID:**

3232

**Database links:**

[Entrez Gene: 3232](#) Human

[Entrez Gene: 15434](#) Mouse

[Entrez Gene: 288152](#) Rat

[Omim: 142980](#) Human

[SwissProt: P31249](#) Human

[SwissProt: P09027](#) Mouse

[SwissProt: P18867](#) Rat

[Unigene: 93574](#) Human

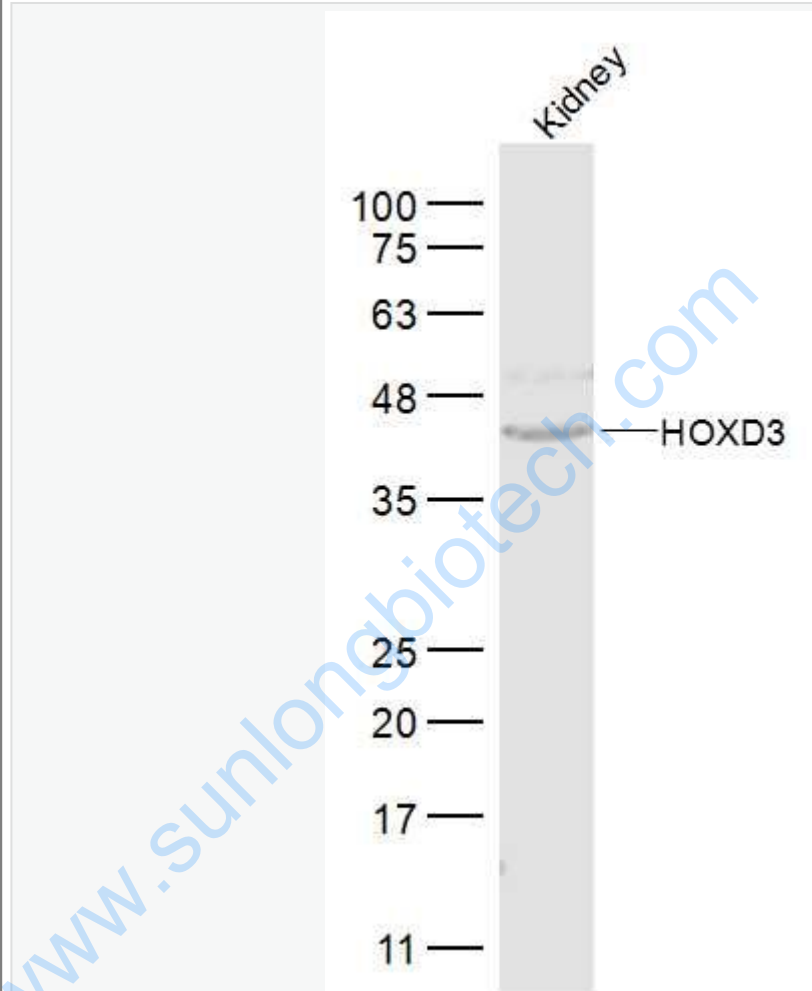
[Unigene: 430708](#) Mouse

[Unigene: 223085](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Kidney (Rat) Lysate at 40 ug

Primary: Anti-HOXD3 (SL17371R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 46 kD

Observed band size: 46 kD

