



## Rabbit Anti-BarX1 antibody

SL8521R

<b>Product Name:</b>	BarX1
<b>Chinese Name:</b>	BarX1蛋白抗体
<b>Alias:</b>	BarH like homeobox 1; BarX 1; Homeobox protein BarH like 1; BARX1 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (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>	27kDa
<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 BarX1:185-254/254
<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>	BarX1 belongs to the Bar subclass of the homeobox gene family. The function of this gene has not yet been determined; however, studies in the mouse and chick homolog suggest a role in developing teeth and craniofacial mesenchyme of neural crest origin. The role of these homologs implicates the human gene as a candidate for unmapped disorders involving tooth and jaw development.
	<b>Subcellular Location:</b>

Nucleus.

**Tissue Specificity:**

Widely expressed. Expressed at higher levels in testis and heart. Detected in craniofacial tissue and adult iris, but not in lymphocytes, fibroblasts, choroid retina, retinal pigment epithelium, kidney, or fetal liver.

**Similarity:**

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

**SWISS:**

Q9HBU1

**Gene ID:**

56033

**Database links:**

[Entrez Gene: 56033](#)Human

[Entrez Gene: 12022](#)Mouse

[Entrez Gene: 364680](#)Rat

[Omim: 603260](#)Human

[SwissProt: Q9HBU1](#)Human

[SwissProt: Q9ER42](#)Mouse

[Unigene: 164960](#)Human

**Important Note:**

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