



## Rabbit Anti-Dlx1 antibody

SL6467R

<b>Product Name:</b>	Dlx1
<b>Chinese Name:</b>	同源转录因子DLX1抗体
<b>Alias:</b>	DII B; Distal less homeo box 1; Distal less homeobox 1; Distal-less homeobox gene 1a; Dlx 1; Dlx; Dlx1; Dlx1 distal-less homeobox 1; DLX1_HUMAN; Homeo box protein DLX1; Homeobox protein DLX 1; Homeobox protein DLX-1; Homeobox protein Dlx1a; Homeodomain transcription factor DLX1; RP23-419H3.3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1ug/testIF=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>	28kDa
<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 Dlx1:101-200/255
<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>	Likely to play a regulatory role in the development of the ventral forebrain. May play a role in craniofacial patterning and morphogenesis and may be involved in the early development of diencephalic subdivisions.

**Function:**

Likely to play a regulatory role in the development of the ventral forebrain. May play a role in craniofacial patterning and morphogenesis and may be involved in the early development of diencephalic subdivisions (By similarity).

**Subcellular Location:**

Nucleus.

**Similarity:**

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

**SWISS:**

P56177

**Gene ID:**

1745

**Database links:**

[Entrez Gene: 1745](#)Human

[Entrez Gene: 13390](#)Mouse

[Entrez Gene: 296500](#)Rat

[Oimim: 600029](#)Human

[SwissProt: P56177](#)Human

[SwissProt: Q64317](#)Mouse

[SwissProt: Q64202](#)Rat

[Unigene: 407015](#)Human

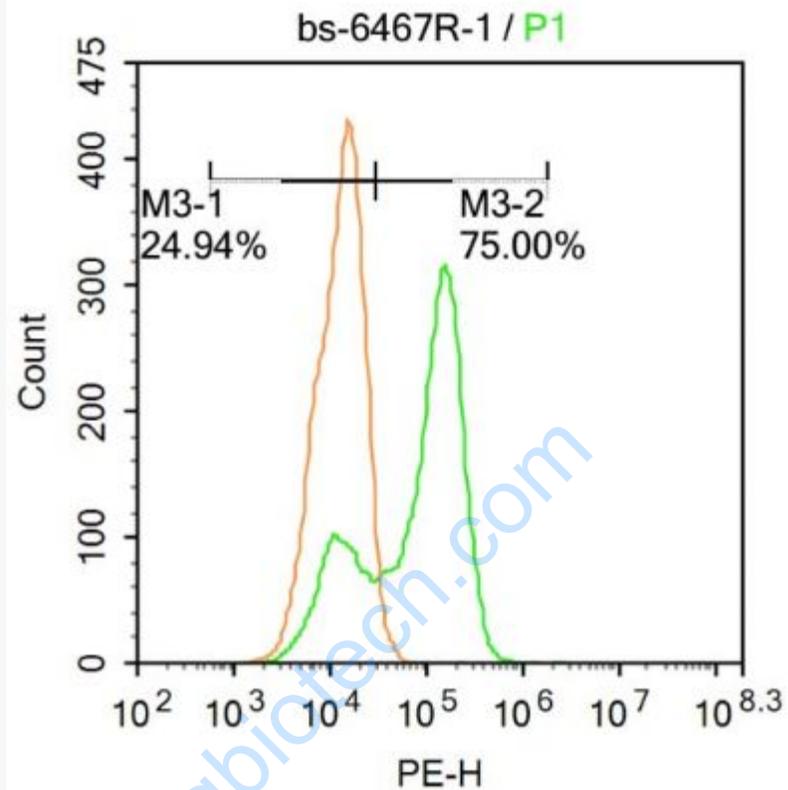
[Unigene: 4543](#)Mouse

[Unigene: 475101](#)Mouse

[Unigene: 59152](#)Rat

**Important Note:**

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



Picture:

Blank control: Hela.

Primary Antibody (green line): Rabbit Anti-Dlx1 antibody (SL6467R)

Dilution:  $1\mu\text{g}/10^6$  cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution:  $1\mu\text{g}/\text{test}$ .

Protocol

The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at  $-20^\circ\text{C}$ . The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room

temperature. The secondary antibody used for 40 min at room temperature.

Acquisition of 20,000 events was performed.

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