



## Rabbit Anti-SKOR1 antibody

SL17508R

<b>Product Name:</b>	SKOR1
<b>Chinese Name:</b>	SKOR1蛋白抗体
<b>Alias:</b>	AV273001; C230094B15Rik; Corepressor for LBX1; CORL1; Functional smad suppressing element 15; Functional Smad suppressing element on chromosome 15; Functional Smad-suppressing element on chromosome 15; Fussel-15; FUSSEL15; Ladybird homeobox corepressor 1; Lbx1 corepressor 1; LBXCOR1; Lbxcor1 homolog; SKI family transcriptional corepressor 1; Skor1; SKOR1_HUMAN; Transcriptional corepressor CORL1.
<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=1:400-800ICC=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>	100kDa
<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 SKOR1:1-100/965
<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>	LBXCOR1 is a 965 amino acid protein belonging to the SKI family. Localizing to nucleus, LBXCOR1 is highly expressed in the central nervous system (CNS) as well as

developing spinal cord and adult brain and testis. LBXCOR1 contains a CH1 domain which is required for transcriptional repression and also acts as a transcriptional co-repressor of LBX1. LBXCOR1 additionally interacts with SMAD1, SMAD2 and SMAD3, and inhibits BMP signaling. Existing as three alternatively spliced isoforms, the gene encoding LBXCOR1 maps to human chromosome 15q23. Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and consists of about 3% of the human genome. Angelman and Prader-Willi syndromes, as well as Tay-Sachs disease and Marfan syndrome, are all associated with mutations to chromosome 15.

**Function:**

Acts as a transcriptional corepressor of LBX1 (By similarity). Inhibits BMP signaling.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Present specifically in cerebellar Purkinje cells (at protein level).

**Similarity:**

Belongs to the SKI family.

**SWISS:**

P84550

**Gene ID:**

390598

**Database links:**

[Entrez Gene: 207667](#) Mouse

[Entrez Gene: 315748](#) Rat

[SwissProt: Q8BX46](#) Mouse

[SwissProt: P84551](#) Rat

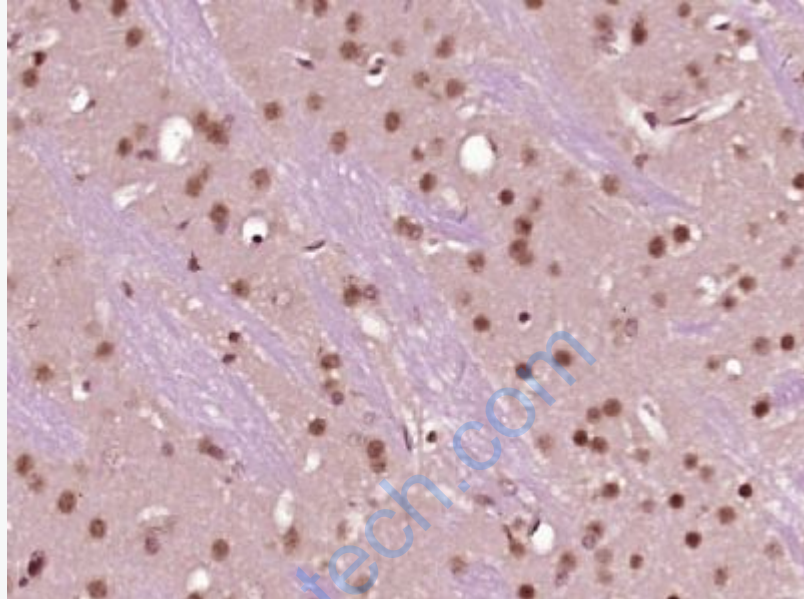
[Unigene: 36349](#) Mouse

[Unigene: 447200](#) Mouse

[Unigene: 58197](#) Rat

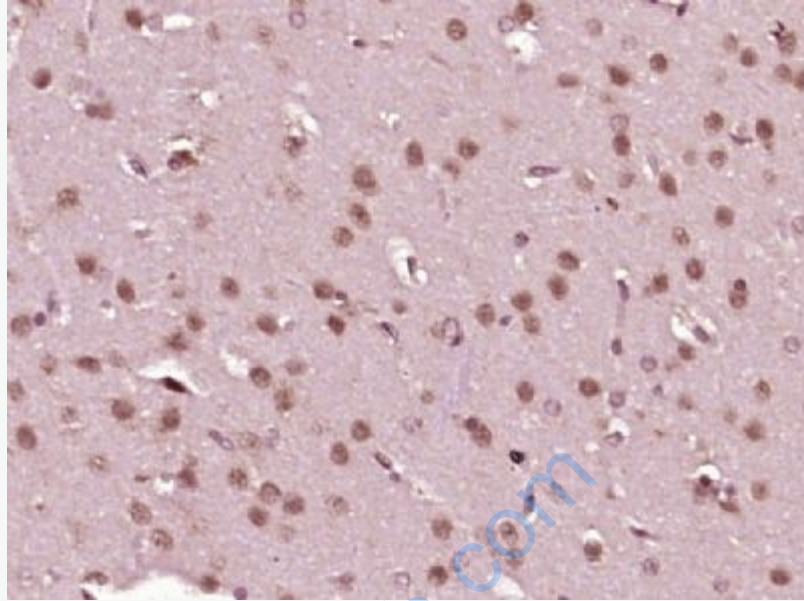
**Important Note:**

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



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SKOR1) Polyclonal Antibody, Unconjugated (SL17508R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SKOR1) Polyclonal Antibody, Unconjugated (SL17508R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.