



## Rabbit Anti-Hes5 antibody

SL23071R

<b>Product Name:</b>	Hes5
<b>Chinese Name:</b>	发状分裂相关增强子-5抗体
<b>Alias:</b>	Hairy and enhancer of split 5; HES 5; HES5 protein; MGI:104876; HES5 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Horse,
<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>	18kDa
<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 Hes5:31-130/166
<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 encodes a member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer. [provided by RefSeq, Dec 2008] <b>Function:</b>

Transcriptional repressor of genes that require a bHLH protein for their transcription

**Subunit:**

Transcription repression requires formation of a complex with a corepressor protein of the Groucho/TLE family.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Expressed in fetal heart and brain tumors.

**Similarity:**

Contains 1 basic helix-loop-helix (bHLH) domain.

Contains 1 Orange domain.

**SWISS:**

Q5TA89

**Gene ID:**

388585

**Database links:**

[Entrez Gene: 388585](#)Human

[Entrez Gene: 15208](#)Mouse

[Entrez Gene: 79225](#)Rat

[SwissProt: Q5TA89](#)Human

[SwissProt: P70120](#)Mouse

[SwissProt: Q03062](#)Rat

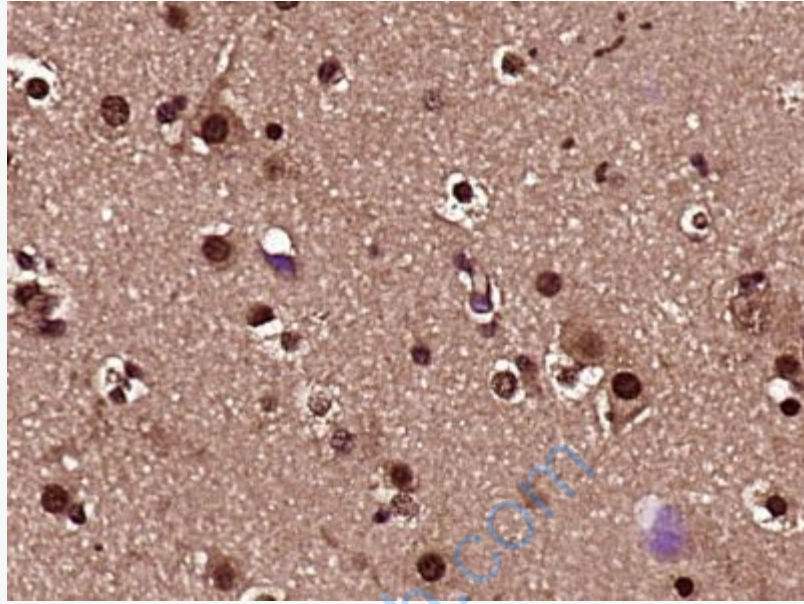
[Unigene: 57971](#)Human

[Unigene: 137268](#)Mouse

[Unigene: 22422](#)Rat

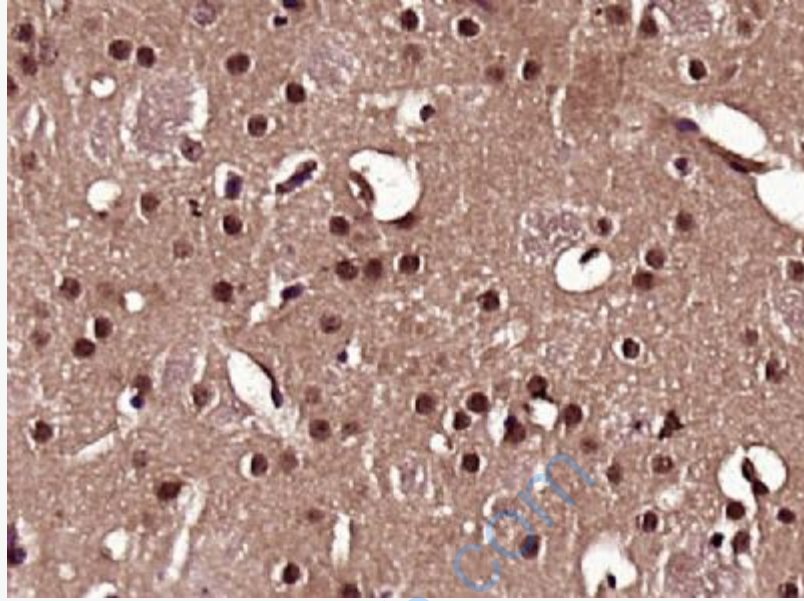
**Important Note:**

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



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Human glioma); 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 (Hes5) Polyclonal Antibody, Unconjugated (SL23071R) 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 (Mouse brain); 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 (Hes5) Polyclonal Antibody, Unconjugated (SL23071R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.