



Rabbit Anti-Hes5 antibody

SL3767R

Product Name:	Hes5
Chinese Name:	发状分裂相关增强子-5抗体
Alias:	Hairy and enhancer of split 5; HES 5; HES5 protein; MGI:104876; HES5 HUMAN.
文献引用 PubMed :	Specific References(1) SL3767R has been referenced in 1 publications. [IF=2.96] Zhang, Haihua, et al. "Epidermal growth factor promotes proliferation of dermal papilla cells via Notch signaling pathway." Biochimie (2016). WB;Other Species. PubMed:27109378
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	18kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Hes5:21-120/166
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed

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]

Function:

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.

Product Detail:

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

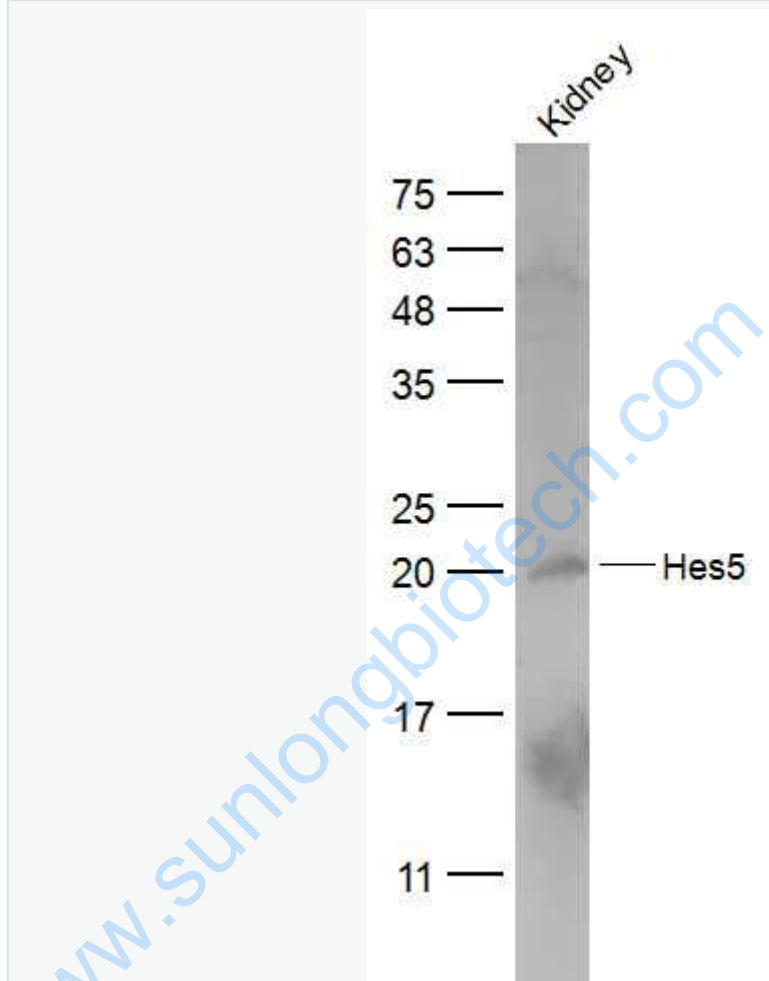
[Unigene: 137268](#)Mouse

[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:



Sample:

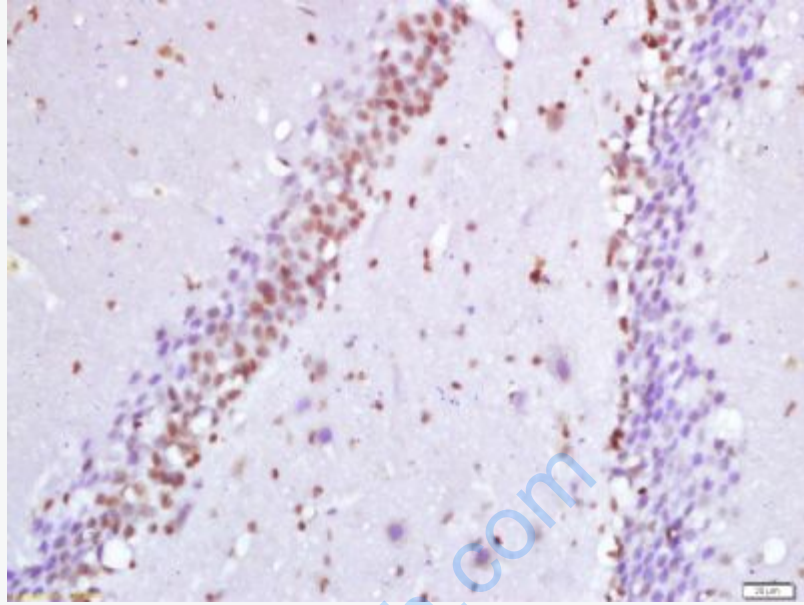
Kidney (Rat) Lysate at 40 ug

Primary: Anti-alpha smooth muscle Actin (SL3767R) at 1/500 dilution

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

Predicted band size: 18 kD

Observed band size: 20 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-Hes5 Polyclonal Antibody, Unconjugated(SL3767R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining