



Rabbit Anti-Protein atonal homolog 8 antibody

SL11937R

Product Name:	Protein atonal homolog 8
Chinese Name:	螺旋环螺旋转录因子HATH6抗体
Alias:	HATH6; 4933425C05Rik; HATH-6; HATH 6; ATOH8; ATOH8_HUMAN; Atonal homolog 6; atonal homolog 8 (Drosophila); Atonal homolog 8; Basic helix loop helix transcription factor 6; bHLHa21; Class A basic helix-loop-helix protein 21; FLJ14708; FLJ38730; hATH6; Helix loop helix protein mATH-6; Helix-loop-helix protein hATH-6; Math6; Okadin; Protein atonal homolog 8; RGD1561512.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	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.
Molecular weight:	35kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HATH6/Protein atonal homolog 8:231-321/321
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
Product Detail:	Putative transcription factor. May be implicated in specification and differentiation of neuronal cell lineages in the brain. May participate in kidney development and may be

involved in podocyte differentiation.

Function:

Putative transcription factor. May be implicated in specification and differentiation of neuronal cell lineages in the brain. May participate in kidney development and may be involved in podocyte differentiation

Subunit:

Efficient DNA binding requires dimerization with another bHLH protein

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in lung, liver, kidney, heart and pancreas. Expressed in endothel of umbilical vessels.

Similarity:

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

SWISS:

Q96SQ7

Gene ID:

84913

Database links:

[Entrez Gene: 84913](#) Human

[Entrez Gene: 71093](#) Mouse

[Entrez Gene: 500200](#) Rat

[SwissProt: Q96SQ7](#) Human

[SwissProt: Q99NA2](#) Mouse

[Unigene: 135569](#) Human

[Unigene: 87449](#) Mouse

Important Note:

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

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