

**HES5 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20976a**

**Specification**

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**HES5 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q5TA89</a>
Other Accession	<a href="#">Q03062</a> , <a href="#">P70120</a>
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	18226

**HES5 Antibody (Center) - Additional Information**

**Gene ID** 388585

**Other Names**

Transcription factor HES-5, Class B basic helix-loop-helix protein 38, bHLHb38, Hairy and enhancer of split 5, HES5, BHLHB38

**Target/Specificity**

This HES5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 81-115 amino acids from the Central region of human HES5.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

HES5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**HES5 Antibody (Center) - Protein Information**

**Name** HES5

**Synonyms** BHLHB38

**Function** Transcriptional repressor of genes that require a bHLH protein for their transcription. Plays an important role as neurogenesis negative regulator (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00380, ECO:0000255|PROSITE-ProRule:PRU00981}

**Tissue Location**

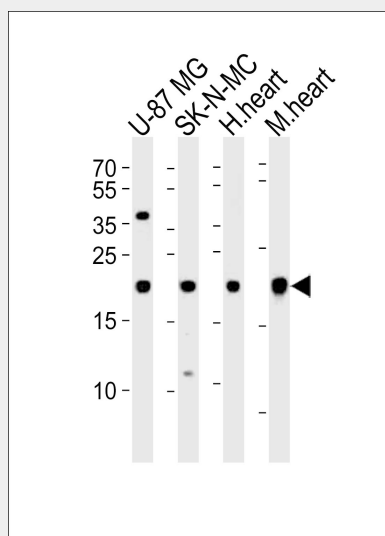
Expressed in fetal heart and brain tumors.

**HES5 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**HES5 Antibody (Center) - Images**



Western blot analysis of lysates from U-87 MG, SK-N-MC cell line, human heart and mouse heart tissue(from left to right), using HES5 Antibody (Center)(Cat. #AP20976a). AP20976a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

**HES5 Antibody (Center) - Background**

Transcriptional repressor of genes that require a bHLH protein for their transcription. Plays an important role as neurogenesis negative regulator (By similarity).

**HES5 Antibody (Center) - References**

Wistow G.,et al.Submitted (NOV-2005) to the EMBL/GenBank/DDBJ databases.

Gregory S.G.,et al.Nature 441:315-321(2006).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Kato M.,et al.Int. J. Oncol. 25:529-534(2004).