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HES5 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5467

Product Information

Application	WB
Primary Accession	Q5TA89
Other Accession	Q03062, P70120
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18226
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	388585
Antigen Region	81-115
Other Names	Transcription factor HES-5, Class B basic helix-loop-helix protein 38, bHLHb38, Hairy and enhancer of split 5, HES5, BHLHB38
Dilution	WB~~1:1000
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.
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.

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.

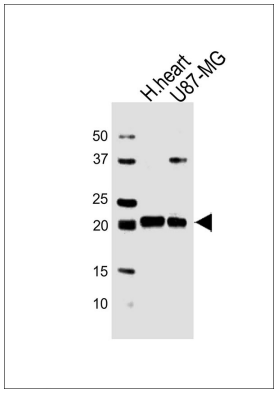
Background

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

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.
Katoh M.,et al.Int. J. Oncol. 25:529-534(2004).

Images



All lanes : Anti-HES5 Antibody (Center) at 1:1000 dilution Lane 1: human heart lysates Lane 2: U87-MG whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 18 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.