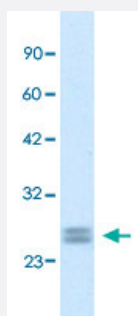


HES7 polyclonal antibody

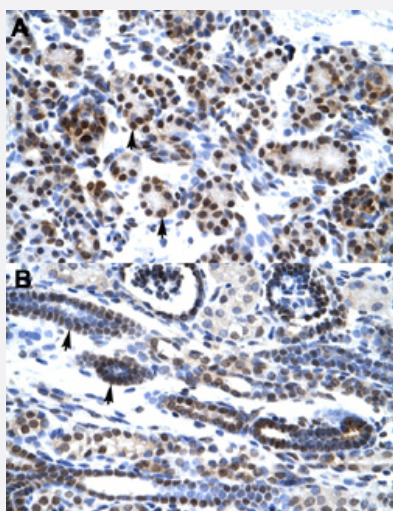
Catalog # PAB30130 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human heart tissue lysate with HES7 polyclonal antibody (Cat # PAB30130) at 0.2-1 ug/mL working concentration.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas (A) and human kidney (B) with HES7 polyclonal antibody (Cat # PAB30130) at 4-8 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human HES7.
Immunogen	A synthetic peptide corresponding to internal region of human HES7.
Sequence	VGYLRRERSRVEPPGVPRSPVQDAKALASCYLSGFRECLLRLLAAIAHDASP
Host	Rabbit

Theoretical MW (kDa)	25
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (0.2-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — HES7

Entrez GeneID	84667
GeneBank Accession#	NM_032580
Protein Accession#	NP_115969;Q9BYE0
Gene Name	HES7
Gene Alias	bHLHb37
Gene Description	hairy and enhancer of split 7 (Drosophila)
Omim ID	608059

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the hairy and enhancer of split family of bHLH transcription factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis. Multiple transcript variants encoding different isoforms have been found for this gene

Other Designations

bHLH factor Hes7|hairy and enhancer of split 7

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)