

**AP52034PU-N****Polyclonal Antibody to HES7 (N-term) - Aff - Purified**

<b>Alternate names:</b>	BHLHB37, Class B basic helix-loop-helix protein 37, Hairy and enhancer of split 7, Transcription factor HES-7, bHLH factor Hes7
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	HES7 is a member of the hairy and enhancer of split family of bHLH transcription factors. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton.
<b>Uniprot ID:</b>	<a href="#">Q9BYE0</a>
<b>NCBI:</b>	<a href="#">NP_115969</a>
<b>GeneID:</b>	<a href="#">84667</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 33~63 amino acids from the N-terminal region of human HES7
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Protein A column, followed by peptide affinity purification <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human and Mouse HES7 (N-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 24894 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Sparrow, D.B., et al. Hum. Mol. Genet. 17(23):3761-3766(2008) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006)

## Pictures:

Western blot analysis of HES7 Antibody (N-term) Cat.-No AP52034PU-N in mouse heart tissue lysates (35ug/lane). HES7 (arrow) was detected using the purified Pab.

