

Product datasheet for **TA337140**

HEY1 Rabbit Polyclonal Antibody

Product data:

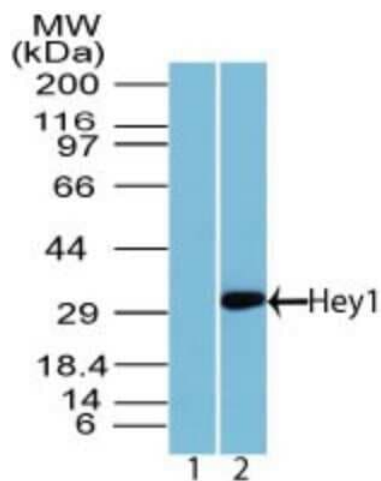
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 2-4ug/ml
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A portion of amino acids 50-100 of mouse Hey1 was used as the immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	hes related family bHLH transcription factor with YRPW motif 1
Database Link:	NP_001035798 Entrez Gene 15213 Mouse Q9Y5J3
Background:	Hairy/enhancer-of-split related with YRPW motif protein 1 belongs to the HEY family and is a Notch Signaling Pathway Protein. It contains one basic helix-loop-helix (bHLH) domain and one Orange domain. It is a downstream effector of Notch signaling which may be required for cardiovascular development. It acts as transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGTG-3'. It represses transcription by the cardiac transcriptional activators GATA4 and GATA6. Hey1 is also reported to be expressed during development of the nervous system.
Synonyms:	BHLHb31; CHF2; HERP2; HESR1; hHRT1; HRT-1; OAF1
Note:	This antibody has been tested in Western blot on mouse tissue. The Western blot results on human tissue have been mixed.



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Protein Families: Druggable Genome, Transcription Factors

Product images:



Western Blot: HEY1 Antibody TA337140 - Analysis of Hey1 in mouse embryo brain lysate using 1) preimmune sera at 1:5000 dilution and 2) purified TA337140. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.