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anti-HEY1 antibody (AA 200-300) (FITC)



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Quantity:	100 μg	
Target:	HEY1	
Binding Specificity:	AA 200-300	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HEY1 antibody is conjugated to FITC	
Application:	Please inquire	
Product Details		
Immunogen:	Recombinant Human Hairy/enhancer-of-split related with YRPW motif protein 1 protein (200-300AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	
Target Details		
Target:	HEY1	
Alternative Name:	HEY1 (HEY1 Products)	
Background:	Background: Transcriptional repressor which binds preferentially to the canonical E box	

sequence 5\'-CACGTG-3\' (PubMed:11095750). Downstream effector of Notch signaling required for cardiovascular development. Specifically required for the Notch-induced endocardial epithelial to mesenchymal transition, which is itself criticial for cardiac valve and septum development. May be required in conjunction with HEY2 to specify arterial cell fate or identity. Promotes maintenance of neuronal precursor cells and glial versus neuronal fate specification. Represses transcription by the cardiac transcriptional activators GATA4 and GATA6 and by the neuronal bHLH factors ASCL1/MASH1 and NEUROD4/MATH3 (PubMed:15485867). Involved in the regulation of liver cancer cells self-renewal (PubMed:25985737).

Aliases: Basic helix loop helix protein OAF1 antibody, bHLHb31 antibody, Cardiovascular helix loop-helix factor 2 antibody, Cardiovascular helix-loop-helix factor 2 antibody, CHF-2 antibody, CHF-2 antibody, CHF2 antibody, Class B basic helix-loop-helix protein 31 antibody, Hairy and enhancer of split related protein 1 antibody, Hairy and enhancer of split-related protein 1 antibody, Hairy enhancer-of-split related with YRPW motif protein 1 antibody, Hairy related transcription factor 1 antibody, Hairy-related transcription factor 1 antibody, Hairy/enhancer of split related with YRPW motif 1 antibody, Hairy/enhancer-of-split related with YRPW motif protein 1 antibody, HERP2 antibody, HES related repressor protein 1 antibody, HES-related repressor protein 2 antibody, HESR-1 antibody, HESR1 antibody, HEY 1 antibody, hey1 antibody, HEY1_HUMAN antibody, hHRT1 antibody, HRT-1 antibody, HRT1 antibody, OAF1 antibody

UniProt: Q9Y5J3

Pathways:

Tube Formation

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

Handling

Storage:	-20 °C,-80 °C	
Storage Comment:	ent: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	