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HEY2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5914a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UBP5
Other Accession	Q7KM13, Q9QUS4, Q9I9L0, Q9I8A3, Q9WV93, Q9Y5J3, Q8AXV6, Q2KIN4, NP_036391.1
Reactivity	Human, Mouse
Predicted	Bovine, Zebrafish, Xenopus, Drosophila, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24640
Calculated MW	35808
Antigen Region	65-91

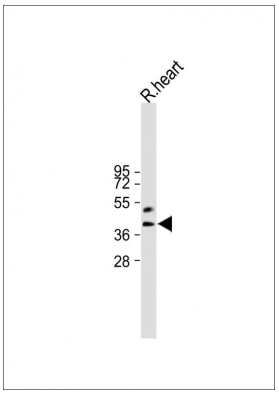
Additional Information

Gene ID	23493
Other Names	Hairy/enhancer-of-split related with YRPW motif protein 2, Cardiovascular helix-loop-helix factor 1, hCHF1, Class B basic helix-loop-helix protein 32, bHLHb32, HES-related repressor protein 2, Hairy and enhancer of split-related protein 2, HESR-2, Hairy-related transcription factor 2, HRT-2, hHRT2, Protein gridlock homolog, HEY2, BHLHB32, CHF1, GRL, HERP, HERP1, HRT2
Target/Specificity	This HEY2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-91 amino acids from the N-terminal region of human HEY2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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	HEY2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

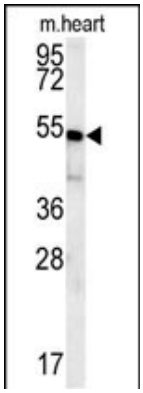
Protein Information

Name	HEY2
Synonyms	BHLHB32, CHF1, GRL, HERP, HERP1, HRT2
Function	Downstream effector of Notch signaling which may be required for cardiovascular development. Transcriptional repressor which binds preferentially to the canonical E box sequence 5'-CACGTG-3'. Represses transcription by the cardiac transcriptional activators GATA4 and GATA6.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00380, ECO:0000255|PROSITE-ProRule:PRU00981}

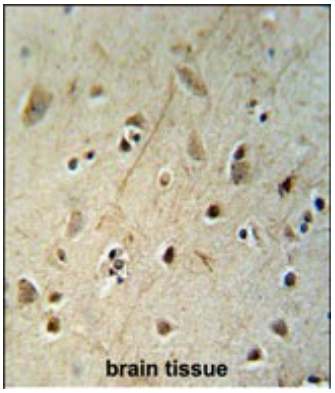
Images



All lanes : Anti-HEY2 Antibody (N-term) at 1:1000 dilution Lane 1: rat heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 41kDa Blocking/Dilution buffer: 5% NFDM/TBST.



HEY2 Antibody (N-term) (Cat. #AP5914a) western blot analysis in mouse heart tissue lysates (15ug/lane).This demonstrates the HEY2 antibody detected HEY2 protein (arrow).



HEY2 antibody (N-term) (Cat. #AP5914a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HEY2 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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