

HEY2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3244a**Specification**

HEY2 Antibody (internal region) - Product Information

Application	E
Primary Accession	O9UBP5
Other Accession	NP_036391.1 , 23493 , 15214 (mouse) , 155430 (rat)
Predicted Host	Human, Mouse, Rat, Pig, Cow
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	35808

HEY2 Antibody (internal region) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HEY2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

HEY2 Antibody (internal region) - 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}

HEY2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HEY2 Antibody (internal region) - Images**HEY2 Antibody (internal region) - References**

Hairy-related transcription factors inhibit Notch-induced smooth muscle alpha-actin expression by interfering with Notch intracellular domain/CBF-1 complex interaction with the CBF-1-binding site.

Tang Y, Urs S, Liaw L, Circulation research 2008 Mar 102 (6): 661-8. PMID: 18239137