

Datasheet for ABIN7183626

**anti-HEY2 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	HEY2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEY2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Synthesized peptide derived from internal of Human HEY2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	HEY2
Alternative Name:	HEY2 ( <a href="#">HEY2 Products</a> )
Background:	Background: 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

## Target Details

GATA4 and GATA6.

Chin M.T., J. Biol. Chem. 275:6381-6387(2000).

Nakagawa O., Proc. Natl. Acad. Sci. U.S.A. 97:13655-13660(2000).

Iso T., Mol. Cell. Biol. 21:6071-6079(2001).

Aliases: bHLHb32 antibody, Cardiovascular helix loop helix factor 1 antibody, Cardiovascular helix-loop-helix factor 1 antibody, CHF1 antibody, Class B basic helix-loop-helix protein 32 antibody, GRIDLOCK antibody, GRL antibody, Hairy and enhancer of split related 2 antibody, Hairy and enhancer of split-related protein 2 antibody, Hairy related transcription factor 2 antibody, Hairy-related transcription factor 2 antibody, Hairy/enhancer-of-split related with YRPW motif protein 2 antibody, hCHF1 antibody, HERP antibody, HERP1 antibody, HES related repressor protein 1 antibody, HES-related repressor protein 2 antibody, HESR-2 antibody, HESR2 antibody, hey2 antibody, HEY2\_HUMAN antibody, hHRT2 antibody, HRT-2 antibody, HRT2 antibody, MGC10720 antibody, Protein gridlock homolog antibody

UniProt: [Q9UBP5](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

## Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

## Handling

Format: Liquid

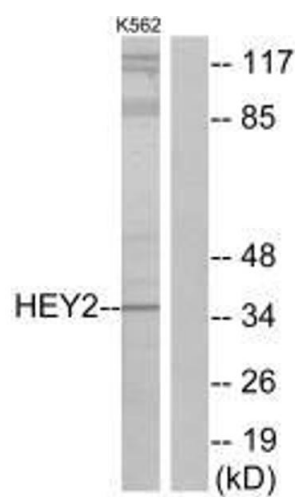
Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

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



Western Blotting

**Image 1.** Western blot analysis of extracts from K562 cells, using HEY2 antibody.