

Datasheet for ABIN2780874  
**anti-HEY2 antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	HEY2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Guinea Pig, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEY2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HEY2
Sequence:	PMLPPNAAAA VAAATAISPP LSVSATSSPQ QTSSGTNNKP YRPWGTEVGA
Predicted Reactivity:	Cow: 93%, Dog: 90%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 90%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against HEY2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	HEY2
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## Target Details

Alternative Name:	HEY2 ( <a href="#">HEY2 Products</a> )
Background:	<p>HEY2 is a member of the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcription factors. HEY2 forms homo- or hetero-dimers that localize to the nucleus and interact with a histone deacetylase complex to repress</p> <p>Alias Symbols: CHF1, GRL, HERP1, HESR2, HRT2, MGC10720, bHLHb32, GRIDLOCK</p> <p>Protein Interaction Partner: RBPMS, TRAF1, SYVN1, DERL2, HEY1, SEL1L, HTT, ATXN1, ARNT, NOTCH1, BTRC, CASP3, SIN3A, PLSCR1, SIRT1, HEY2, HAND2, HAND1, HDAC1, NCOR1, HES1, HDAC9,</p> <p>Protein Size: 337</p>
Molecular Weight:	36 kDa
Gene ID:	23493
NCBI Accession:	<a href="#">NM_012259</a> , <a href="#">NP_036391</a>
UniProt:	<a href="#">Q9UBP5</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 337 AA
Restrictions:	For Research Use only

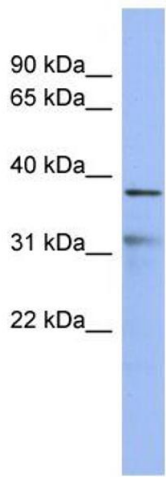
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-HEY2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: NCI-H226 cell lysate