

Datasheet for ABIN7267562
anti-HEY2 antibody (AA 1-100)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HEY2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEY2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HEY2 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HEY2 (NP_036391.1).
Sequence:	MKRPCEETTS ESDMDETIDV GSENNYSGQS TSSVIRLNSP TTTSQIMARK KRRGIIEKRR RDRINNSLSE LRRLVPTAFE KQGSACLEKA EILQMTVDHL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

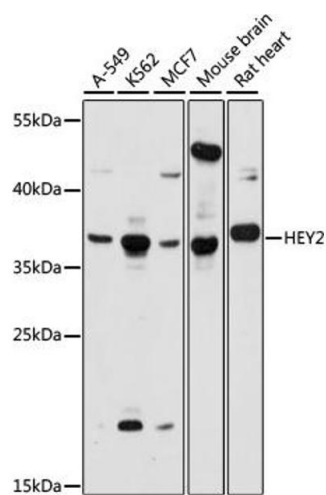
Target:	HEY2
Alternative Name:	HEY2 (HEY2 Products)
Background:	<p>This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcription factors. The encoded protein forms homo- or hetero-dimers that localize to the nucleus and interact with a histone deacetylase complex to repress transcription. Expression of this gene is induced by the Notch signal transduction pathway. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternatively spliced transcript variants have been found, but their biological validity has not been determined.,HEY2,CHF1,GRIDLOCK,GRL,HERP1,HESR2,HRT2,bHLHb32,Epigenetics & Nuclear Signaling,Transcription Factors,Stem Cells,Cardiovascular,Heart,Cardiogenesis,HEY2</p>
Molecular Weight:	35kDa
Gene ID:	23493
UniProt:	Q9UBP5
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HEY2 antibody (ABIN7267562) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.