

Datasheet for ABIN7469394 **anti-HEY1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HEY1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEY1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human HEY1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HEY1
Alternative Name:	HEY1 (HEY1 Products)
Background:	Synonyms: hes related family bHLH transcription factor with YRPW motif 1 , BHLHb31 , CHF2 , HERP2 , HESR1 , HRT-1 , NERP2 , OAF1 , hHRT1 Background: This gene encodes a nuclear protein belonging to the hairy and enhancer of split-

Target Details

related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Molecular Weight:	33 kDa
Gene ID:	23462
UniProt:	Q9Y5J3
Pathways:	Tube Formation

Application Details

Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:2000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: DDDDK-tagged HEY1-transfected 293T Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.04 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.