

A16110

Leader in Biomolecular Solutions for Life Science



## HEY1 Rabbit pAb

Catalog No.: A16110

9 Publications

### Basic Information

#### Observed MW

33kDa

#### Calculated MW

33kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### Background

This gene encodes a nuclear protein belonging to the hairy and enhancer of split-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.

### Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

### Immunogen Information

#### Gene ID

23462

#### Swiss Prot

Q9Y5J3

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 114-129 of human HEY1 (NP\_001269780.1).

#### Synonyms

CHF2; OAF1; HERP2; HESR1; HRT-1; NERP2; hHRT1; BHLHb31; HEY1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

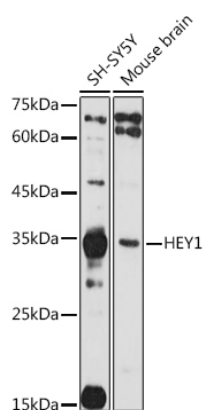
Affinity purification

#### Storage

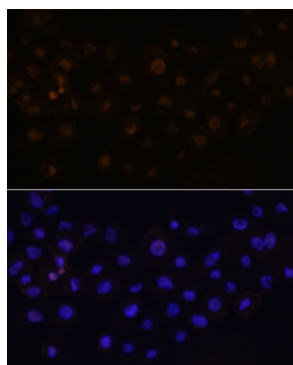
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using HEY1 antibody (A16110) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of A431 cells using HEY1 antibody (A16110) at dilution of 1:100. Blue: DAPI for nuclear staining.