

# HEY2 Rabbit pAb

**Catalog No.: A15143****1 Publications**

## Basic Information

### Observed MW

36 kDa

### Calculated MW

36 kDa

### Category

Polyclonal Antibodies

### Applications

WB, ELISA

### Cross Reactivity

Human, Rat

## Background

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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

### ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

23493

### Swiss-Prot

Q9UBP5

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

GRL; CHF1; HRT2; HERP1; HESR2; bHLHb32; GRIDLOCK; HEY2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

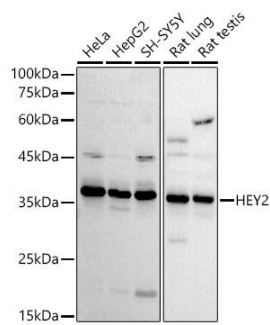
### Purity

Affinity purification

### Storage

Store at -20°C

## Validation Data



Western blot analysis of various lysates, using HEY2 Rabbit pAb (A15143) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.