

For Research Use Only

# HEY2 Polyclonal antibody

Catalog Number: 10597-1-AP

Featured Product

42 Publications



## Basic Information

**Catalog Number:**

10597-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0913

**GenBank Accession Number:**

BC007707

**GeneID (NCBI):**

23493

**UNIPROT ID:**

Q9UBP5

**Full Name:**

hairy/enhancer-of-split related with YRPW motif 2

**Calculated MW:**

36 kDa

**Observed MW:**

33-40 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

WB, IF, IHC, CoIP, ChIP

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**Positive Controls:**

WB : K-562 cells, mouse heart tissue, MCF-7 cells, 4T1 cells

IP : mouse heart tissue,

## Background Information

Hairy/enhancer of split-related proteins, such as HEY2, are basic helix-loop-helix (bHLH) transcription factors implicated in cell fate decision and boundary formation. HEY genes are direct transcriptional targets of the Notch signaling pathways in *Drosophila* and vertebrates. HEY2 is similarly expressed in the somites whereas it shows a complementary expression in the heart, the craniofacial region and the nervous system. This antibody is a rabbit polyclonal antibody raised against full length of human HEY2

## Notable Publications

Author	Pubmed ID	Journal	Application
Takashi Morioka	25264302	Genesis	IF
Zhiwei Liao	36123708	J Nanobiotechnology	WB
Mari Tezuka-Kagajo	32881630	Nucleic Acid Ther	

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

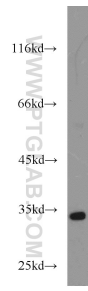
T: 4006900926

E: Proteintech-CN@ptglab.com

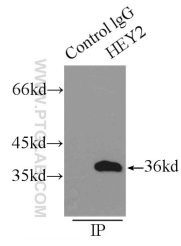
W: ptgcn.com

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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 10597-1-AP (HEY2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-HEY2 (IP:10597-1-AP, 5ug; Detection:10597-1-AP 1:500) with mouse heart tissue lysate 7500ug.