

For Research Use Only

# HEY2 Polyclonal antibody

Catalog Number: 10597-1-AP

Featured Product

50 Publications



## Basic Information

Catalog Number:

10597-1-AP

Concentration:

900 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:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, 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, pH7.3

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](mailto:Proteintech-CN@ptglab.com)

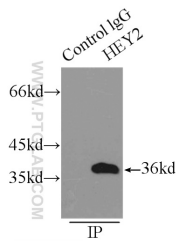
W: [ptgcn.com](http://ptgcn.com)

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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.