

For Research Use Only

# HEY1 Polyclonal antibody

Catalog Number:19929-1-AP

Featured Product

56 Publications



## Basic Information

Catalog Number:

19929-1-AP

Concentration:

1900 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13906

GenBank Accession Number:

BC001873

GeneID (NCBI):

23462

UNIPROT ID:

Q9Y5J3

Full Name:

hairy/enhancer-of-split related with  
YRPW motif 1

Calculated MW:

304 aa, 33 kDa

Observed MW:

32-34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:3000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse testis tissue, A549 cells, NCI-H1299 cells,  
rat testis tissue

## Background Information

Hairy/enhancer of split-related proteins are basic helix-loop-helix (bHLH) transcription factors implicated in cell fate decision and boundary formation. And HEY1 is one of such protein. It is the direct downstream effector of Notch signaling which may be required for cardiovascular development. It preferentially bind to the canonical E box sequence 5'-CACGTG-3' and acts as a transcriptional repressor. HEY1 is a 33kDa protein and forms dimer by self-associating.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhiwei Liao	36123708	J Nanobiotechnology	WB
LinXi Cheng	34489520	Commun Biol	FC, IF
Chun-Tao Lei	28871126	Sci Rep	WB

## 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:

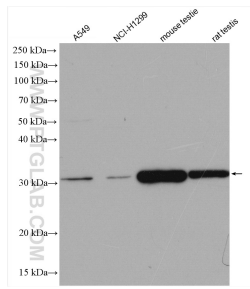
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19929-1-AP (HEY1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.