

For Research Use Only

HEY1 Polyclonal antibody

Catalog Number: 19929-1-AP

Featured Product

33 Publications



Basic Information

Catalog Number: 19929-1-AP	GenBank Accession Number: BC001873	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23462	Recommended Dilutions: WB 1:1000-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: hairy/enhancer-of-split related with YRPW motif 1	
Isotype: IgG	Calculated MW: 304 aa, 33 kDa	
Immunogen Catalog Number: AG13906	Observed MW: 32-34 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: ChIP, CoIP, FC, IF, IHC, IP, WB	WB: mouse testis tissue,
Species Specificity: human, mouse, rat	IP: mouse kidney tissue,
Cited Species: human, mouse, rat	

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

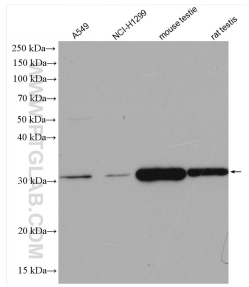
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

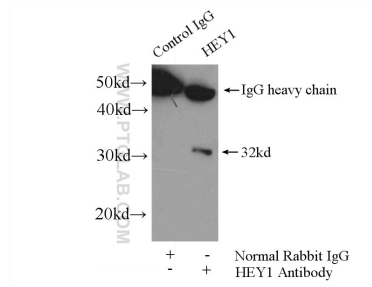
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



IP Result of anti-HEY1 (IP:19929-1-AP, 4ug; Detection:19929-1-AP 1:500) with mouse kidney tissue lysate 4400ug.