

For Research Use Only

HEY1 Recombinant monoclonal antibody

Catalog Number: 87307-1-RR



Basic Information

Catalog Number: 87307-1-RR	GenBank Accession Number: BC001873	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23462	CloneNo.: 252516D3
Source: Rabbit	UNIPROT ID: Q9Y5J3	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: hairy/enhancer-of-split related with YRPW motif 1	
Immunogen Catalog Number: AG14094	Calculated MW: 304 aa, 33 kDa	
	Observed MW: 32-34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HCT 116 cells, 143B cells
Species Specificity: human	

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.

Storage

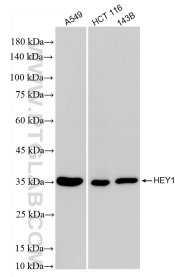
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
W: ptglab.com

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 87307-1-RR (HEY1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.