

For Research Use Only

HEY1 Recombinant monoclonal antibody

Catalog Number: 87307-1-RR



Basic Information

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

Applications

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| 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

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

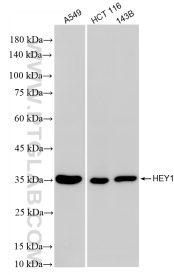
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Selected Validation Data



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.