

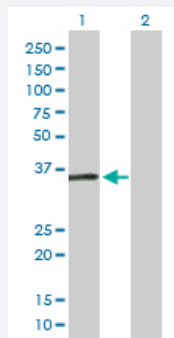
MaxPab®

HEY1 MaxPab mouse polyclonal antibody (B02)

Catalog # H00023462-B02

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HEY1 expression in transfected 293T cell line ([H00023462-T06](#)) by HEY1 MaxPab polyclonal antibody.

Lane 1: HEY1 transfected lysate(32.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HEY1 protein.

Immunogen

HEY1 (NP_036390.3, 1 a.a. ~ 304 a.a) full-length human protein.

Sequence

MKRAHPEYSSSDSELDETIEVEKESADENGLSSALGSMSPPTSSQILARKRRRGIIKRRRDRIN
NSLSELRRRLVPSAFEKQGS AKLEKAEILQMTVDHLKMLHTAGGKG YFDAHALAMDYRSLGFREC
LAEVARYLSII EGLDASDPLRVRLVSHLNNYASQREAASGAHAGLGHIPWGT VFGHHPHIAHPLLLP
QNGHGNAGTTASPT EPHHQRLGSAHPEAPALRAPPSGSLGPVLPVVT SASKLSPPLLSSVASL
SAFPFSFGSFHLLSPNALSPAPTQAANLGKPYRPWGTEIGAF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (94); Rat (87)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — HEY1

Entrez GeneID [23462](#)

GeneBank Accession# [NM_012258.3](#)

Protein Accession# [NP_036390.3](#)

Gene Name HEY1

Gene Alias BHLHb31, CHF2, HERP2, HESR1, HRT-1, MGC1274, OAF1

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

Omim ID [602953](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations HES-related repressor protein 2|basic helix-loop-helix protein OAF1|cardiovascular helix-loop-helix factor 2|hairy-related transcription factor 1