

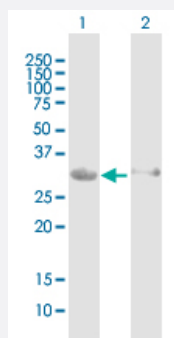
MaxPab®

HEY1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00023462-B02P

Size 50 ug

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	MKRAHPEYSSSDSELDETIEVEKESADENGLSSALGSMSPPTSSQILARKRRRGIIKRRRDRLIN NSLSELRRRLVPSAFEKQGS AKLEKAEILQMTVDHLKMLHTAGGKGYFDAHALAMDYRSLGFREC LAEVARYLSII EGLDASDPLRVRLVSHLN NYASQREAASGAHAGLGHIPWGT 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	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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