



Datasheet for ABIN1539225  
**anti-HEYL antibody (N-Term)**



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2 Images

Overview

Quantity:	400 µL
Target:	HEYL
Binding Specificity:	AA 26-54, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This HEYL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-54 amino acids from the N-terminal region of human HEYL.
Clone:	RB36741
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HEYL
Alternative Name:	HEYL ( <a href="#">HEYL Products</a> )
Background:	This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic

## Target Details

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helix-loop-helix (bHLH)-type transcription factors. The sequence of the encoded protein contains a conserved bHLH and orange domain, but its YRPW motif has diverged from other HESR family members. It is thought to be an effector of Notch signaling and a regulator of cell fate decisions. Alternatively spliced transcript variants have been found, but their biological validity has not been determined. [provided by RefSeq].

Molecular Weight: 35087

Gene ID: 26508

NCBI Accession: [NP\\_055386](#)

UniProt: [Q9NQ87](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

## Application Details

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Application Notes: IF: 1:10~50. WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

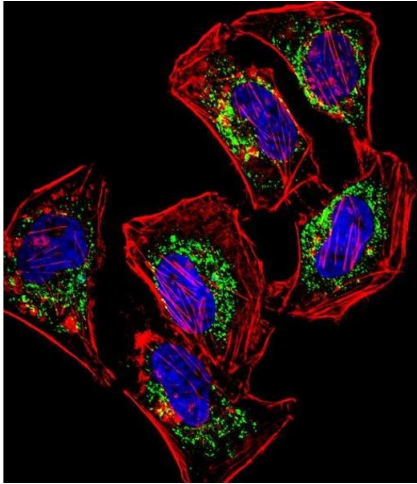
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

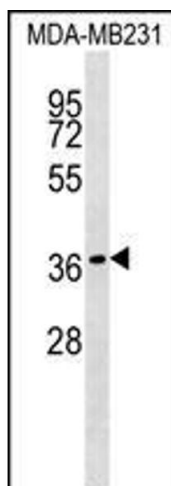
Storage Comment: HEYL Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



### Immunofluorescence

**Image 1.** Fluorescent confocal image of HeLa cell stained with HEYL Antibody (N-term) (ABIN1539225 and ABIN2848649). HeLa cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with HEYL primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). HEYL immunoreactivity is localized to Mitochondria significantly.



### Western Blotting

**Image 2.** HEYL Antibody (N-term) (ABIN1539225 and ABIN2848649) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the HEYL antibody detected the HEYL protein (arrow).