

HEYL Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant HEYL.

Catalog # AT2360a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q9NQ87
Other Accession	NM_014571
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG
Clone Names	1F6
Calculated MW	35087

Additional Information

Gene ID	26508
Other Names	Hairy/enhancer-of-split related with YRPW motif-like protein, hHeyL, Class B basic helix-loop-helix protein 33, bHLHb33, Hairy-related transcription factor 3, HRT-3, hHRT3, HEYL, BHLHB33, HRT3
Target/Specificity	HEYL (NP_055386, 221 a.a. ~ 327 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HEYL Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

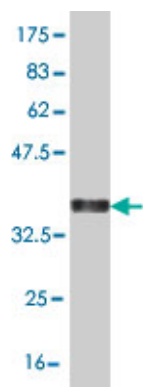
Background

This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic 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.

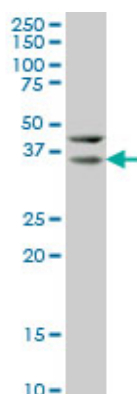
References

1.Repression of androgen receptor activity by HEYL, a third member of the hairy/enhancer-of-split-related family of notch effectors.Lavery DN, Villaronga MA, Walker MM, Patel A, Belandia B, Bevan CL.J Biol Chem. 2011 Mar 17. [Epub ahead of print]

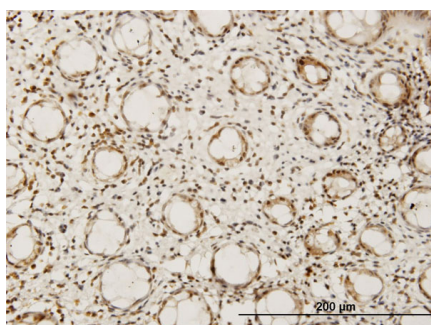
Images



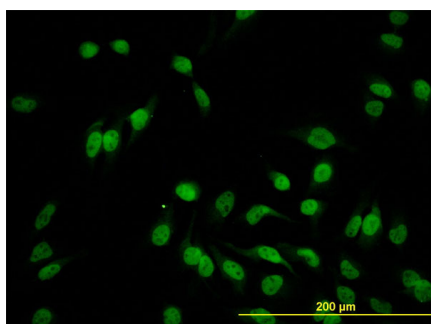
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.51 KDa) .



HEYL monoclonal antibody (M07), clone 1F6 Western Blot analysis of HEYL expression in HeLa (Cat # AT2360a)

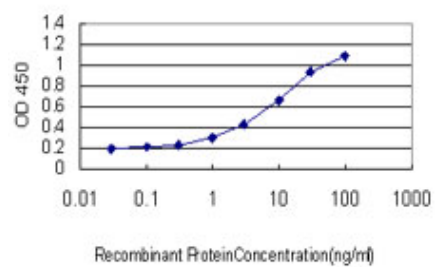


Immunoperoxidase of monoclonal antibody to HEYL on formalin-fixed paraffin-embedded human colon. [antibody concentration 1.5 ug/ml]



Immunofluorescence of monoclonal antibody to HEYL on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged HEYL is approximately 1ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.