

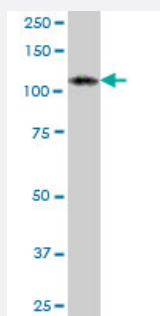
MaxPab®

ADAR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000103-B01P

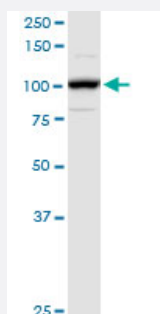
Size 50 ug

Applications



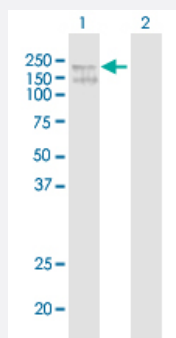
Western Blot (Tissue lysate)

ADAR MaxPab polyclonal antibody. Western Blot analysis of ADAR expression in human liver.



Western Blot (Cell lysate)

ADAR MaxPab polyclonal antibody. Western Blot analysis of ADAR expression in HepG2.

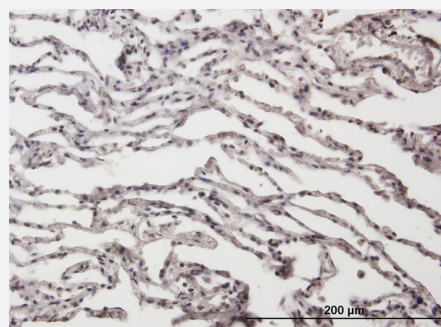


Western Blot (Transfected lysate)

Western Blot analysis of ADAR expression in transfected 293T cell line ([H00000103-T01](#)) by ADAR MaxPab polyclonal antibody.

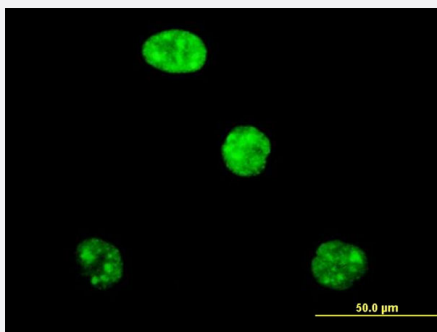
Lane 1: ADAR transfected lysate(134.86 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ADAR on formalin-fixed paraffin-embedded human lung. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ADAR on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADAR protein.
Immunogen	ADAR (P55265, 1 a.a. ~ 1226 a.a) full-length human protein.
Sequence	MNPRQGYSLSGYTHPFQGYEHRQLRYQQPGPGSSPSSFLKQIEFLKGQLPEAPVIGKQTPSLP PSLPGLRPRFPVLLASSTRGRQVDIRGVPRGVHLGSQGLQRGFQHPSPRGRSLPQRGVDCCLSS HFQELSIYQDQEQRILKFLEELGEGKATTAHDLGKLGTPKKEINRVLYSLAKKGKLQKEAGTPPL WKIAVSTQAWNQHSQGVVRPDGHSQGAPNSDPSLEPEDRNSTSVSEDLLEPFIAVSAQAWNQHS GVVRPDSHSQGSNSDPGLEPDSNSTSALEDPLEFLDMAEIKEKICDYL FNVSDSSALNLAKNI GLTKARDINAVLIDMERQGDVYRQGTTPPWHLTDKKRERMQIKRNTNSVPETAPAAIPETRRNAEF LTCNIPTSNASNMMVTTEKVENGGQEPVIKLENRQEARPEPARLKPPVHYNGPSKAGYVDFENGQ WATDDIPDDLNSIRAAPGEFRAIMEMPSFYSHGLPRCSPYKKLTECQLKNPISGLLEYAQFASQTC EFNMQSGPPHEPRFKFQVVINGREFPPAEAGSKKQVAKQDAAMKAMTILLEEAKAKDSGKSEE SSHYTEKESEKTAESQTPTPSATSFFSGKSPVTTLLECMHKLGNSCFRLLSKEGPAHEPKFQY CVAVGAQTFFPSVSAPSKKQVAKQMAAEEAMKALHGEATNSMASDNQPEGMISESLDNLESMMMP NKVRKIGELVRYLNTNPVGGLEEARSHGFAAEFKLVDQSGPPHEPKFVYQAKVGGRWFPVCA HSKKQKGQEAADAALRVLIGENEAERMGFTEVTPVTGASLRRTMLLLSRSPEAQPKTLPLTGST FHDQIAMLSHRCFNTLTNSFQPSLLGRKILAAIIMKKDSEDMGVVVS LGTGNRCVKGDSLKGET VNDCHAEIISRRGFIRFLYSELMKYNSQTAKDSIFEPAGGKELQIKKTVSFHLYISTAPCGDGALFD KSCSDRAMESTESRHYPVFENPKQKGLRTKVENGEETIPVESSDVPTWDGIRLGERLRTMSCSD KILRWNVLGLQGALLTHFLQPIYLKSVTLGYLFSQGH LTRACCRVTRDGSAFEDGLRHPFIVNHPK VGRVSYDSKRQSGKTKETSVNWCLADGYDLEILDGTRGTVDGPRNELSRVSKKNIFLLFKKLCSE RYRRDLLRLSYGEAKKAARDYETAKNYFKKGLKDMGYGNWISKQEEKNFYLCPV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (76)
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.

Applications

- Western Blot (Tissue lysate)

ADAR MaxPab polyclonal antibody. Western Blot analysis of ADAR expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

ADAR MaxPab polyclonal antibody. Western Blot analysis of ADAR expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ADAR expression in transfected 293T cell line ([H00000103-T01](#)) by ADAR MaxPab polyclonal antibody.

Lane 1: ADAR transfected lysate(134.86 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of [purified](#) MaxPab antibody to ADAR on formalin-fixed paraffin-embedded human lung. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to ADAR on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ADAR

Entrez GeneID	103
---------------	---------------------

GeneBank Accession#	P55265
---------------------	------------------------

Protein Accession#	P55265
--------------------	------------------------

Gene Name	ADAR
-----------	------

Gene Alias	ADAR1, DRADA, DSH, DSRAD, G1P1, IFI-4, IF4, K88dsRBP, p136
------------	--

Gene Description	adenosine deaminase, RNA-specific
------------------	-----------------------------------

Omim ID [127400 146920](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations 136 kDa double-stranded RNA binding protein|OTTHUMP00000035372|OTTHUMP00000035373|adenosine deaminase acting on RNA 1-A|double-stranded RNA-specific adenosine deaminase|interferon-induced protein 4|interferon-inducible protein 4

Publication Reference

- [ADAR2-Mediated Editing of miR-214 and miR-122 Precursor and Antisense RNA Transcripts in Liver Cancers.](#)

Liu WH, Chen CH, Yeh KH, Li CL, Wu YJ, Chen DS, Chen PJ, Yeh SH.

Plos One 2013 Dec; 8(12):e81922.

Application: WB, Human, HepG2, Huh7 cells

Pathway

- [Atrazine degradation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)