

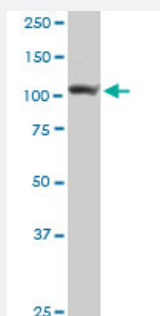
MaxPab®

ADAR purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000103-D01P

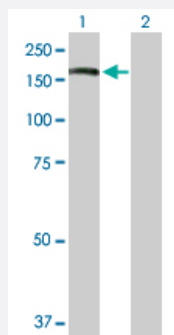
Size 100 ug

Applications



Western Blot (Cell lysate)

ADAR MaxPab rabbit polyclonal antibody. Western Blot analysis of ADAR expression in HeLa.

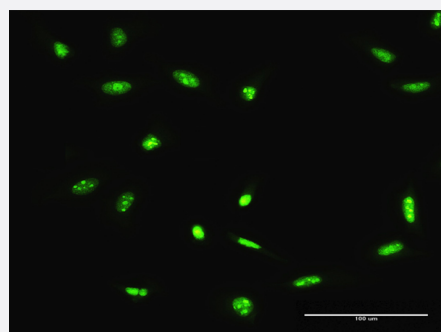


Western Blot (Transfected lysate)

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

Lane 1: ADAR transfected lysate(136.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

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

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ADAR protein.

Immunogen	ADAR (P55265, 1 a.a. ~ 1226 a.a) full-length human protein.
Sequence	MNPRQGYSLSGYYTHPFQGYEHRQLRYQQPGPGSSPSSFLLKQIEFLKGQLPEAPVIGKQTPSLP PSLPGLRPRFPVLLASSTRGRQVDIRGVPRGVHLGSQGLQRGFQHPSRGRSLPQRGVDCCLSS HFQELSIYQDQEQRLKFLEELGEGKATTAHDLSGKLGTPKKEINRVLYSLAKKGKLQKEAGTPPL WKIAVSTQAWNQHSGVVRPDGHSQGAPNSDPSLEPEDRNSTSVSEDLLEPFIASQAQAWNQHS GVVRPDHSQGS PNSDPGLEPDSNSTSALEDPLEFLDMAEIKEKICDYLFNVSDSSALNLAKNI GLTKARDINAVLIDMERQGDVYRQGTTPPIWHLTDKKRERMQIKRNTNSVPETAPAAIPETRRNAEF LTCNIPTSNASNMMVTTEKVENGGQEPVIKLENRQEARPEPARLKPPVHYNGPSKAGYVDFENGQ WATDDIPDDLNSIRAAPGEFRAIMEMPSFYSHGLPRCSPYKKLTECQLKNPISGLLEYAQFASQTC EFNMIEQSGPPHEPRFKFQVVINGREFPPAEAGSKKQVAKQDAAMKAMTILLEEAKAKDSGKSEE SSHYTEKESEKTAESQTPTPSATSFSGKSPVTTLLECMHKLGN SCEFRLLSKEGPAHEPKFQY CVAVGAQTTPSVSAPS KKVAKQMAAEEAMKALHGEATNSMASDNQPEGMISESLDNLES MMP NKVRKIGELVRYLNTNPVGGLLEYARSHGFAAEFKLVDQSGPPHEPKFVYQAKVGGRWFPAVCA HSKKQKGQEAADAALRVLIGENEAERMGFTEVTPVTGASLRRTMLLLSR SPEAQPKTLPLTGST FHDQIAMLSHRCFNTLTNSFQPSLLGRKILAAIIMKKDSEDMGVVVSLGTGNRCVKGDSLKGET VNDCHAEIISRRGFIRFLYSELMKYNSQTAKDSIFEPAKGGEKLQIKKTVSFHLYISTAPCGDGALFD KSCSDRAMESTESRHYPVFENPKQGKLRTKVENGEETIPVESSDIVPTWDGIRLGERLRMTSCSD KILRWNVLGLQGALLTHFLQPYLKS VTLGYLFSQGH LTRAICCRVTRDGS AFEDGLRHPFIVNHPK VGRVSYDSKRQSGKT KETSVNWCLADGYDLEILDGTRGTVDGPRNELSRVSKKNIFLLFKKLC SF RYRRDLLRLSYGEAKKAARDYETAKNYFKKGLKDMGYGNWISK PQEEKNFYLCPV
Host	Rabbit
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 (Cell lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[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, IFI4, 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

Pathway

- [Atrazine degradation](#)

Disease

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