

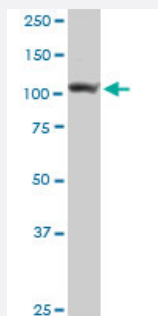
MaxPab®

ADAR MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000103-D01

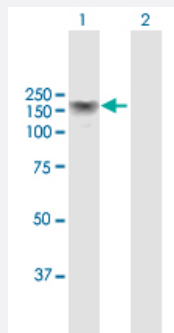
Size 100 uL

Applications



Western Blot (Cell lysate)

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

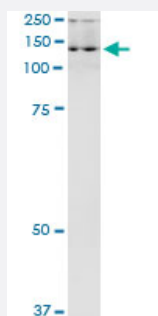


Western Blot (Transfected lysate)

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

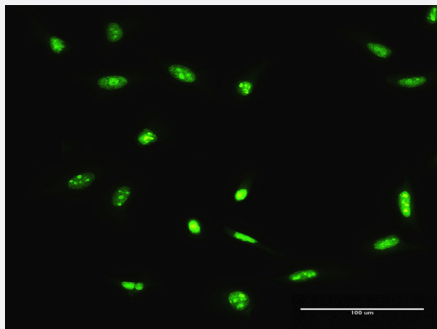
Lane 1: ADAR transfected lysate(136 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ADAR transfected lysate using anti-ADAR MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADAR purified MaxPab mouse polyclonal antibody (B01P) ([H00000103-B01P](#)).



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	MNPRQGYSLSGYYTHPFQGYEHRQLRYQQPGPGSSPSSFLKQIEFLKGQLPEAPVIGKQTPSLP PSLPGLRPRFPVLLASSTRGRQVDIRGVPRGVHLGSQGLQRGFQHPSPRGRSLPQRGVDCCLSS HFQELSIYQDQEQRILKFLEELGEGKATTAHDLGKLGTPKKEINRVLYSLAKKGKLGKEAGTPPL WKIAVSTQAWNQHSQGVVRPDGHSQGAPNSDPSLEPEDRNSTSVSEDLLEPFIAVSAQAWNQHS GVVRPDSHSQSPNSDPGLEPDSNSTSALEDPLEFLDMAEIKEKICDYLFNVSDSSALNLAONI GLTKARDINAVLIDMERQGDVYRQGTTPPWHLTDKKRERMQIKRNTNSVPETAPAAIPETRRNAEF LTCNIPTSNASNMMVTTEKVENGGQEPVIKLENRQEARPEPARLKPPVHYNGPSKAGYVDFENGQ WATDDIPDDLNSIRAAPGEFRAIMEMPSFYSHGLPRCSPYKKLTECQLKNPISGLLEYAQFASQTC EFNMQSGPPHEPRFKFQVVINGREFPPAEAGSKKQVAKQDAAMKAMTILLEEAKAKDSGKSEE SSHYTEKESEKTAESQTPTPSATSFFSGKSPVTTLLECMHKLGNISCEFRLLSKEGPAHEPKFQY CVAVGAQTFFPSVSAPSKKQVAKQMAAEEAMKALHGEATNSMASDNQPEGMISESLDNLESMMMP NKVRKIGELVRYLNTNPVGGLEAYARSHGFAAEFKLVDQSGPPHEPKFVYQAKVGGRWFPVCA HSKKQKGQEAADAALRVLIGENEAERMGFTEVTPVTGASLRRTMLLLSRSPQAQPKTLPLTGST FHDQIAMLSHRCFNTLTNSFQPSLLGRKILAAIIMKKDSEDMGVVVSLGTGNRCVKGDSLKGET VNDCHAEIISRRGFIRFLYSELMKYNSQTAKDSIFEPAGGKELQIKKTVSFHLYISTAPCGDGALFD KSCSDRAMESTESRHYPVFENPKQKGLRKTVENGGTIPVESSDVPTWDGIRLGERLRTMSCSD KILRWNVLGLQGALLTHFLQPIYKSVTLGYLFSQGHLTRACCRVTRDGSFEDGLRHPFIVNHPK VGRVSYDSKRQSGKTKETSVNWCLADGYDLEILDGTRGTVDGPRNELSRVSKKNIFLLFKKLCSE RYRRDLLRLSYGEAKKAARDYETAKNYFKKGLKDMGYGNWISKQEEKNFYLCPV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (76)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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

[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(136 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of ADAR transfected lysate using anti-ADAR MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ADAR purified MaxPab mouse polyclonal antibody (B01P) ([H00000103-B01P](#)).

[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](#)