

Datasheet for ABIN513112
anti-ADAR antibody (AA 1-1226)



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5 Images

1 Publication

Overview

Quantity:	50 µg
Target:	ADAR
Binding Specificity:	AA 1-1226
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This ADAR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	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:	MNPRQGYSLG GYYTHPFQGY EHRQLRYQQP GPGSSPSSFL LKQIEFLKGQ LPEAPVIGKQ TPSLPPSLPG LRPRFPVLLA SSTRGRQVDI RGVPRGVHLG SQGLQRGFQH PSRGRSLPQ RGVDCSSHF QELSIYQDQE QRILKFLEEL GEGKATTAHD LSGKLGTPKK EINRVLYSLA KKGKQLKEAG TPPLWKIAVS TQAWNQHSGV VRPDGHSQGA PNSDPSLEPE DRNSTSVSED LLEPFIAVSA QAWNQHSGVV RPDSSHQSGSP NSDPGLEPED SNSTSALEDP LEFLDMAEIK EKICDYLFNV SDSSALNLAK NIGLTKARDI NAVLIDMERQ GDVYRQGTTT PIWHLTDKKR ERMQIKRNTN SVPETAPAAI PETRRNAEFL TCNIPTSNAS NNMVTTEKVE NGQEPVIKLE NRQEARPEPA RLKPPVHYNG PSKAGYVDFE NGQWATDDIP DDLNSIRAAP GEFRAIMEMP SFYSHGLPRC SPYKKLTECQ LKNPISGLLE YAQFASQTCE FNMIEQSGPP HEPFRKFQVV

Product Details

INGREFPPAE AGSKKVAQD AAMKAMTILL EEAKAKDSGK SESSHYTE KESEKTAESQ
TTPSATSFF SGKSPVTLL ECMHKLGNSE EFRLLSKEGP AHEPKFQYCV AVGAQTFPSV
SAPSKKVAQK MAAEEAMKAL HGEATNSMAS DNQPEGMISE SLDNLESMMP NKVRKIGELV
RYLNTNPVGG LLEYARSHGF AAEFKLVDQS GPPHEPKFVY QAKVGGRWFP AVCAHKKQKQ
KQEAADAALR VLIGENEKAE RMGFTEVTPV TGASLRRTML LLSRSPEAQP KTLPLTGSTF
HDQIAMLSHR CFNTLTNSFQ PSELLGRKILA AIIMKKDSED MGVVVS LGTG NRCVKGDSLS
LKGETVNDCH AEIISRRGFI RFLYSELMKY NSQTAKDSIF EPAKGGEKLQ IKKTVSFHLY
ISTAPCGDGA LFDKSCSDRA MESTESRHYP VFENPKQGKL RTKVENEGGT IPVESSDIVP
TWDGIRLGER LRTMSCSDKI LRWNVLGLQG ALLTHFLQPI YLKSVTLGYL FSQGH LTRAI
CCRVT RDGSA FEDGLRHPFI VNHPKVGRVS IYDSKRQSGK TKETSVNWCL ADGYDLEILD
GTRGTVDGPR NELSRVSKKN IFLLFKKLCS FRYRRDLLRL SYGEAKKAAR DYETAKNYFK
KGLKDMGYGN WISKPQEEKN FYLCPV

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: ADAR

Alternative Name: ADAR ([ADAR Products](#))

Background: Full Gene Name: adenosine deaminase, RNA-specific
Synonyms: ADAR1, DRADA, DSH, DSRAD, G1P1, IFI-4, IFI4, K88dsRBP, p136

Gene ID: 103

UniProt: [P55265](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Handling

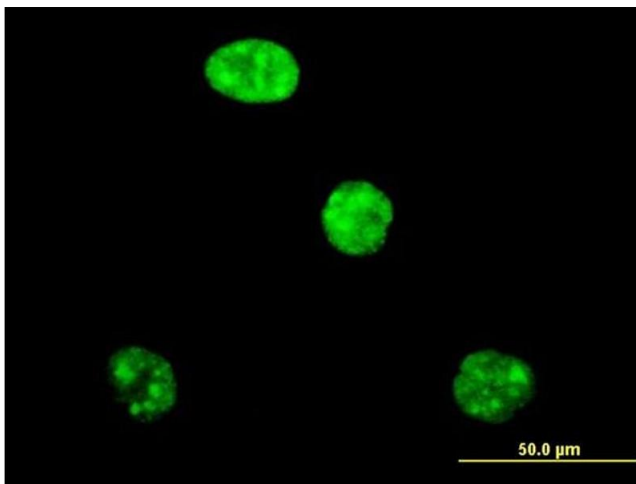
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

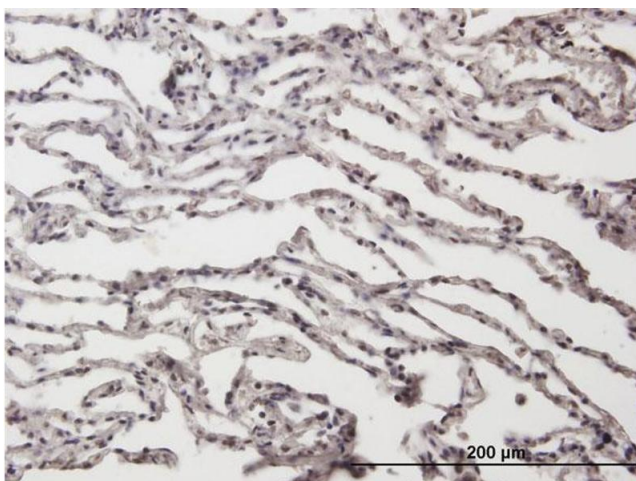
Product cited in: Liu, Chen, Yeh, Li, Wu, Chen, Chen, Yeh: "ADAR2-mediated editing of miR-214 and miR-122 precursor and antisense RNA transcripts in liver cancers." in: **PLoS ONE**, Vol. 8, Issue 12, pp. e81922, (2014) ([PubMed](#)).

Images



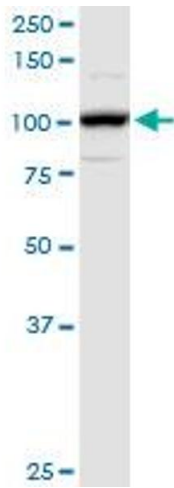
Immunofluorescence

Image 1. Immunofluorescence of purified MaxPab antibody to ADAR on HeLa cell. [antibody concentration 10 ug/ml]



Immunostaining

Image 2. Immunoperoxidase of purified MaxPab antibody to ADAR on formalin-fixed paraffin-embedded human lung. [antibody concentration 3 ug/ml]



Western Blotting

Image 3. ADAR MaxPab polyclonal antibody. Western Blot analysis of ADAR expression in HepG2.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN513112.