

Datasheet for ABIN5699808 **anti-ADAR antibody**

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Overview

Quantity:	100 µg
Target:	ADAR
Reactivity:	Human, Mouse, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	adenosine deaminase, RNA-specific
Isotype:	IgG

Target Details

Target:	ADAR
Alternative Name:	ADAR1 (ADAR Products)
Background:	Synonyms:ADAR, ADAR1, adenosine deaminase, RNA, DRADA, DSH, DSRAD, G1P1, IFI 4, IFI4, Interferon inducible protein 4, K88dsRBP, p136 Background:ADAR1 is also named as ADAR1, DSRAD, G1P1, IFI4. It convert selected adenosine residues into inosine in substrate RNAs containing a relatively short dsRNA region(PMID:15556947). The human ADAR1 gene specifies two size forms of RNA-specific adenosine deaminase, an interferon(IFN) inducible ?150 kDa

Target Details

protein and a constitutively expressed N-terminally truncated ?110 kDa protein, encoded by transcripts with alternative exon 1 structures that initiate from different promoters(PMID:11111054). It has 5 isoforms produced by alternative promoter usage and alternative splicing. Defects in ADAR are a cause of dyschromatosis symmetrical hereditaria(DSH).ADAR1 can form respective homodimers, and this association is essential for its enzymatic activities(PMID:17428802).

Molecular Weight: 136kDa,observed 110kDa

UniProt: [P55265](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB :1:500-1:5000,IHC:1:20-1:200,IP:1:200-1:2000,IF:1:20-1:200

Comment: HeLa cells were subjected to SDS PAGE followed by western blot with FNab00150(ADAR1 Antibody) at dilution of 1:1000

Restrictions: For Research Use only

Handling

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze / thaw cycles.

Storage: -20 °C

Expiry Date: 12 months