

ADAR antibody

Product Information

Catalog No.:	FNab00150
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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).

Immunogen information

Immunogen:	adenosine deaminase, RNA-specific
Synonyms:	Double-stranded RNA-specific adenosine deaminase (DRADA) 136 kDa double-stranded RNA-binding protein (p136) Interferon-inducible protein 4 (IFI-4) K88DSRBP ADAR ADAR1 DSRAD G1P1 IFI4
Observed MW:	110 kDa
Uniprot ID :	P55265

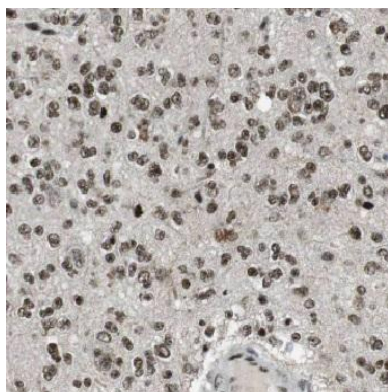
Application

Reactivity:	Human, Mouse, Rat
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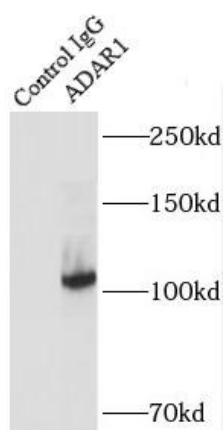
Tested Application: ELISA, IHC, IF, WB, IP

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:200; IP: 1:200-1:1000; IF: 1:20-1:200

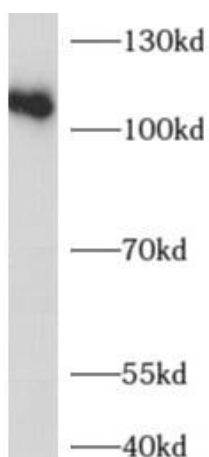
Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab00150(ADAR1 antibody) at dilution of 1:50



IP Result of anti-ADAR1 (IP:FNab00150, 4ug; Detection:FNab00150 1:500) with Y79 cells lysate 3000ug.



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