

For Research Use Only

ADAR1 Recombinant antibody

Catalog Number: 85009-1-RR



Basic Information

Catalog Number: 85009-1-RR	GenBank Accession Number: BC038227	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 103	CloneNo.: 241595E8
Source: Rabbit	UNIPROT ID: P55265	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: adenosine deaminase, RNA-specific	
Immunogen Catalog Number: AG5609	Calculated MW: 136 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HeLa cells, HEK-293T cells, A431 cells
Species Specificity: human	

Background Information

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 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).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

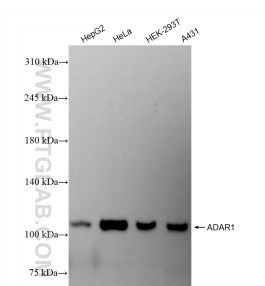
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85009-1-RR (ADAR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.