

Product datasheet for **TA308833**

ADAR1 (ADAR) Rabbit Polyclonal Antibody

Product data:

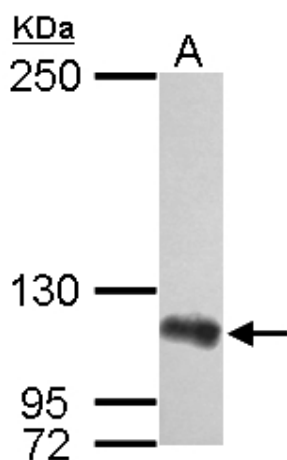
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 472 and 757 of ADAR1 (Uniprot ID#P55265)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% Proclin300
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	136 kDa
Gene Name:	adenosine deaminase, RNA-specific
Database Link:	NP_056655 Entrez Gene 56417 Mouse Entrez Gene 81635 Rat Entrez Gene 103 Human P55265
Background:	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]
Synonyms:	ADAR1; AGS6; DRADA; DSH; DSRAD; G1P1; IFI-4; IFI4; K88DSRBP; P136
Note:	Seq homology of immunogen across species: Rat (80%)
Protein Families:	Druggable Genome



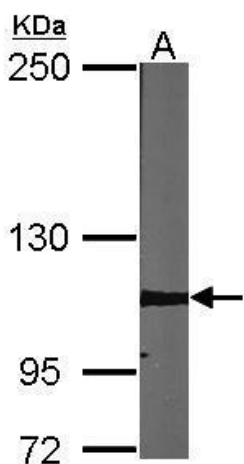
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Protein Pathways: Cytosolic DNA-sensing pathway

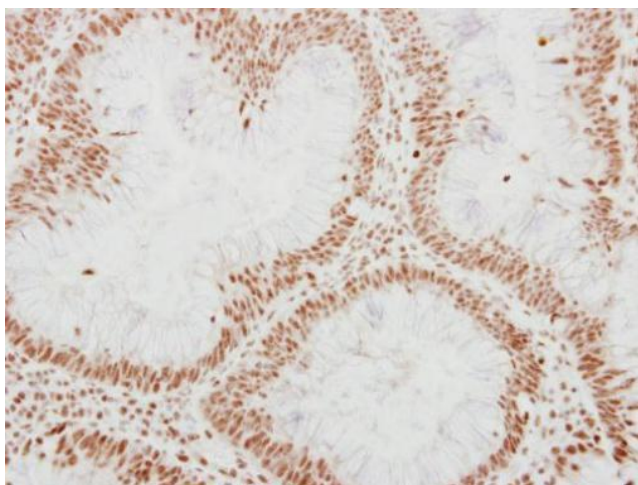
Product images:



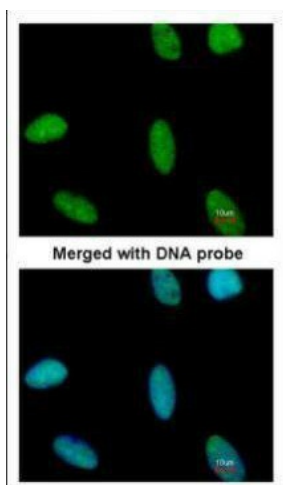
Sample (30 ug of whole cell lysate). A: 293T. 5% SDS PAGE. TA308833 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: NIH-3T3 5% SDS PAGE. TA308833 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Colon ca, using ADAR1 (TA308833) antibody at 1:250 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ADAR1 (TA308833) antibody at 1:200 dilution.