

ADAR1 rabbit pAb

Cat No.: ES4459

For research use only

Overview

Product Name ADAR1 rabbit pAb

Host species Rabbit

Applications IHC;IF;WB;ELISA **Species Cross-Reactivity** Human;Mouse;Rat

Recommended dilutions WB 1:500-2000 Immunohistochemistry: 1/100 -

1/300. ELISA: 1/20000. Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human ADAR1. AA

range:1172-1221

Specificity ADAR1 Polyclonal Antibody detects endogenous

levels of ADAR1 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

StorageStore at -20°C. Avoid repeated freeze-thaw cycles.Protein NameDouble-stranded RNA-specific adenosine deaminase

Gene Name ADAR

Cellular localization [Isoform 1]: Cytoplasm . Nucleus . Shuttles between

the cytoplasm and nucleus (PubMed:7565688, PubMed:24753571). Nuclear import is mediated by

TNPO1 (PubMed:24753571). .; [Isoform 5]: Cytoplasm . Nucleus . Nucleus, nucleolus .

Predominantly nuclear but ca

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/mlObserved band135kDHuman Gene ID103Human Swiss-Prot NumberP55265

Alternative Names ADAR; ADAR1; DSRAD; G1P1; IFI4; Double-stranded

RNA-specific adenosine deaminase; DRADA; 136



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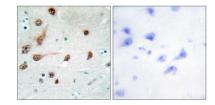
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Background

kDa double-stranded RNA-binding protein; p136; Interferon-inducible protein 4; IFI-4; K88DSRBP adenosine deaminase, RNA specific(ADAR) Homo sapiens 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADAR1 Antibody. The picture on the right is blocked with the synthesized peptide.



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