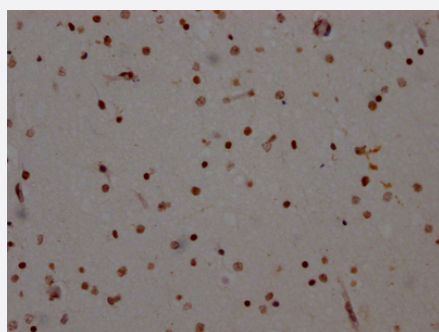


RecomAb™

ADAR recombinant monoclonal antibody, clone 7H12

Catalog # RAB04170 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of ADAR recombinant monoclonal antibody, clone 7H12 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ADAR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human ADAR.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of ADAR recombinant monoclonal antibody, clone 7H12 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADAR

Entrez GeneID [103](#)

Protein Accession# [P55265](#)

Gene Name ADAR

Gene Alias ADAR1, DRADA, DSH, DSRAD, G1P1, IFI4, IF4, K88dsRBP, p136

Gene Description adenosine deaminase, RNA-specific

Omim ID [127400 146920](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations 136 kDa double-stranded RNA binding protein|OTTHUMP00000035372|OTTHUMP00000035373|adenosine deaminase acting on RNA 1-A|double-stranded RNA-specific adenosine deaminase|interferon-induced protein 4|interferon-inducible protein 4

Pathway

- [Atrazine degradation](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)