# **RARS Rabbit mAb**

Catalog No.: A26333 Recombinant



### **Basic Information**

#### **Observed MW**

72kDa

### **Calculated MW**

75kDa

## Category

Primary antibody

### **Applications**

WB,IF-P,IHC-P,ELISA

### **Cross-Reactivity**

Human, Mouse

#### CloneNo number

ARC65518

## **Background**

Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. Arginyl-tRNA synthetase belongs to the class-I aminoacyl-tRNA synthetase family.

## **Recommended Dilutions**

**WB** 1:1000 - 1:6000

**IF-P** 1:100 - 1:400

**IHC-P** 1:200 - 1:2000

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

## **Immunogen Information**

**Gene ID**5917

Swiss Prot
P54136

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

HLD9; RARS; ArgRS; DALRD1

## **Contact**

	400-999-6126
<b>×</b>	cn.market@abclonal.com.cn
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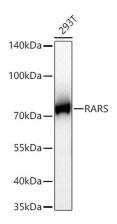
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Western blot analysis of lysates from 293T cells using RARS Rabbit mAb (A26333) at 1:1000 dilution incubated overnight at  $4^{\circ}$ C.

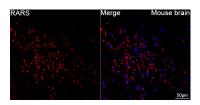
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.





Confocal imaging of paraffin-embedded Mouse brain tissue using RARS Rabbit mAb (A26333, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.

Immunohistochemistry analysis of paraffinembedded Human colon tissue using RARS Rabbit mAb (A26333) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.