

RARS antibody

Catalog No: #38812

Package Size: #38812-1 50ul #38812-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

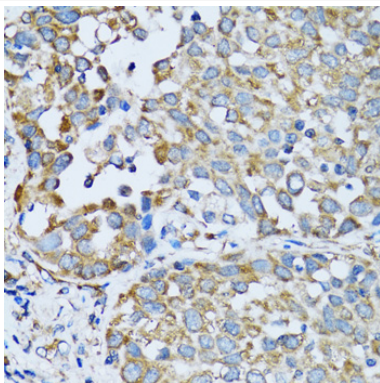
Description

Product Name	RARS antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total RARS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human RARS.
Target Name	RARS
Other Names	ArgRS; DALRD1;
Accession No.	Swiss-Prot#: P54136NCBI Gene ID: 5917
Uniprot	P54136
GeneID	5917;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

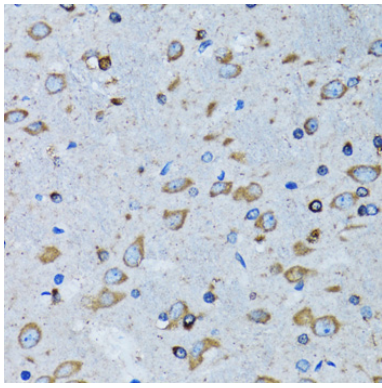
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:10 - 1:100

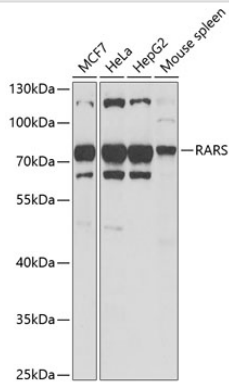
Images



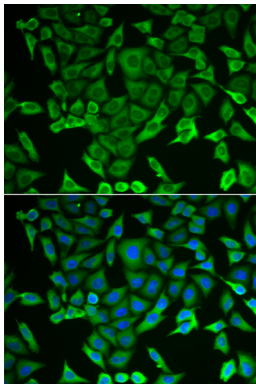
Immunohistochemistry of paraffin-embedded human lung cancer using RARS at dilution of 1:100 (40x lens).



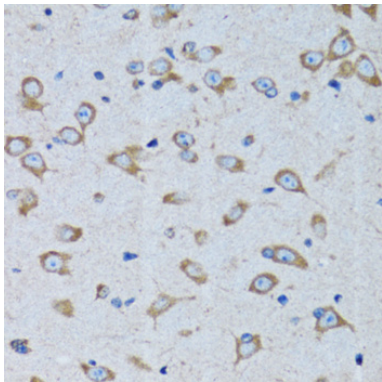
Immunohistochemistry of paraffin-embedded mouse brain using RARS at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using RARS at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



Immunofluorescence analysis of MCF-7 cells using RARS . Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat brain using RARS at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only