



IHCeasy RARS1 Ready-To-Use IHC Kit

Catalog Number: KHC0867

General Information

Sample type: FFPE tissue Cited sample type: Reactivity: Human Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Rabbit Polyclonal

Secondary antibody type: Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

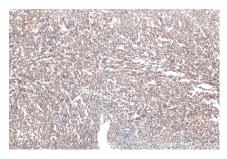
Background

RARS, also named ArgRS (arginyl-tRNA synthetase), belongs to the class-I aminoacyl-tRNA synthetase family which catalyze the aminoacylation of tRNA by their cognate amino acid. In higher eukaryotes, one of the two arginyl-tRNA synthetases (ArgRSs) has evolved to have an extended N-terminal domain that plays a crucial role in protein synthesis and cell growth and in integration into the multisynthetase complex (MSC).

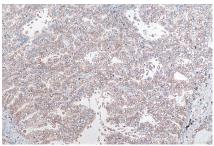
Synonyms

 $Arginine\ tRNA\ ligase, arginyl\ tRNA\ synthetase, ArgRS, DALRD1, RARS$

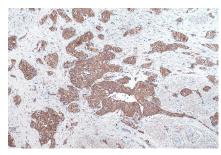
Selected Validation Data



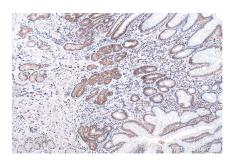
Immunohistochemical analysis of paraffinembedded human endometrial cancer tissue slide using KHC0867 (RARS1 IHC Kit).



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using KHC0867 (RARS1 IHC Kit).



Immunohistochemical analysis of paraffinembedded human urothelial carcinoma tissue slide using KHC0867 (RARS1 IHC Kit).



Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC0867 (RARS1 IHC Kit).