

IHC*easy* AHCYL2 Ready-To-Use IHC Kit

Catalog Number: **KHC2796**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

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.

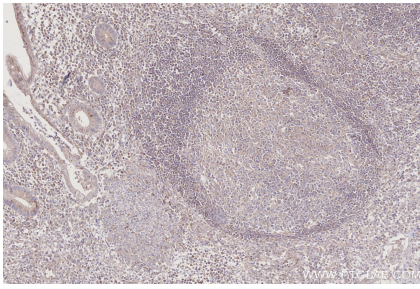
Background

AHCY (adenosylhomocysteinase) converts SAH into homocysteine and adenosine. There are two other members in the AHCY family, AHCYL1 (adenosylhomocysteinase like 1) and AHCYL2 (adenosylhomocysteinase like 2). AHCYL2 (long-IRBIT) is highly homologous to IRBIT, which regulates ion-transporting proteins including the electrogenic Na⁺-HCO₃⁻ cotransporter NBCe1-B, its functions are poorly understood. And the additional slower-migrating band of AHCYL2 may be due to the phosphorylation of LISN (Long-IRBIT specific N-terminal) domain in AHCYL2.

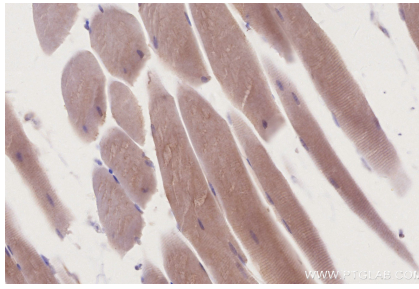
Synonyms

AdoHcyase 3, EC:3.13.2.1, FLJ21719, IP(3)Rs binding protein released with IP(3) 2, IRBIT2

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2796 (AHCYL2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC2796 (AHCYL2 IHC Kit).