

IHCeasy[®] OGDHL Ready-To-Use IHC Kit

Catalog Number: **KHC3034**

General Information

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

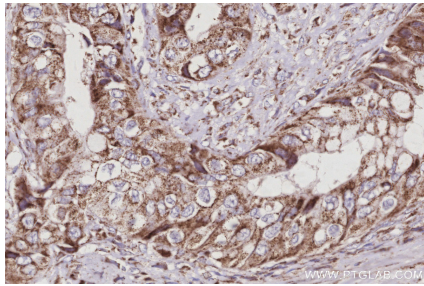
Background

OGDHL(oxoglutarate dehydrogenase-like) is also named as KGDE1KL, FLJ10851, KIAA1290 and belongs to the alpha-ketoglutarate dehydrogenase family. OGDHL is one of the rate-limiting component of the multienzyme OGDH complex (OGDHC) whose malfunction is associated with neuro-degeneration and it is localized only in the mitochondrial fraction and not in the cytosolic or nuclear fractions. OGDHL negatively regulates cell proliferation by inducing apoptosis in cervical cancer cells. It may thus participate in brain-specific control of 2-oxoglutarate distribution between energy production and synthesis of the neurotransmitter glutamate.

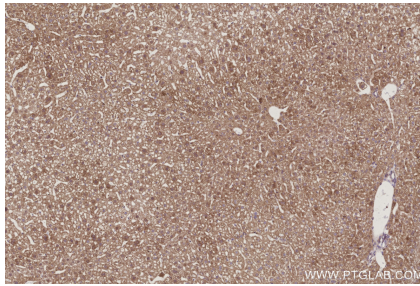
Synonyms

2-oxoglutarate dehydrogenase complex component E1-like, 2-oxoglutarate dehydrogenase-like, mitochondrial, Alpha-ketoglutarate dehydrogenase-like, EC:1.2.4.2, KIAA1290

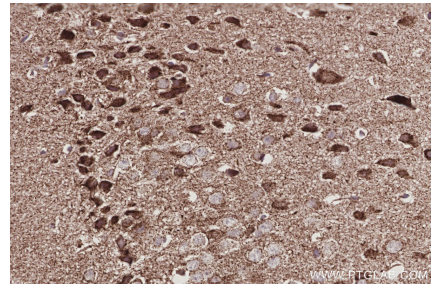
Selected Validation Data



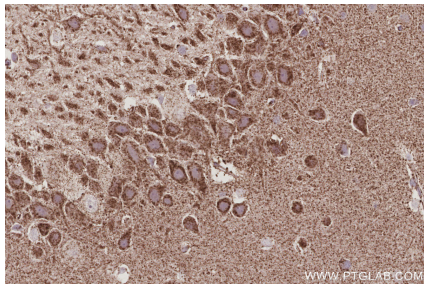
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC3034 (OGDHL IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC3034 (OGDHL IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC3034 (OGDHL IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC3034 (OGDHL IHC Kit).