

IHC*easy* FNIP1 Ready-To-Use IHC Kit

Catalog Number: **KHC2727**

General Information

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

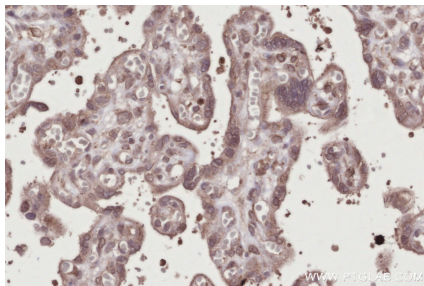
Background

Folliculin-interacting protein 1 (FNIP1) forms a complex with the protein folliculin (FLCN), together acting as guanosine triphosphate (GTP)-activating protein (GAP) for RagC. The FNIP1-FLCN complex has emerged as an amino acid sensor to the mechanistic target of rapamycin complex 1 (mTORC1), involved in how amino acids control TFEB activation. AMPK phosphorylation of FNIP1 induces lysosomal and mitochondrial biogenesis.

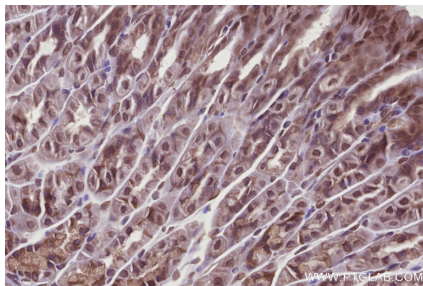
Synonyms

FNIP1, Folliculin-interacting protein 1, KIAA1961

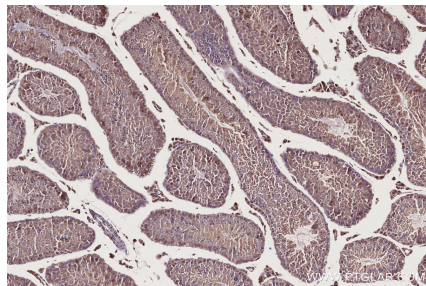
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2727 (FNIP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2727 (FNIP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2727 (FNIP1 IHC Kit).