

IHCeasy[®] NOC2L Ready-To-Use IHC Kit

Catalog Number: **KHC3067**

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.

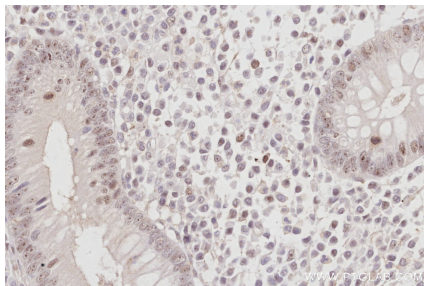
Background

NOC2L, also known as NIR, is a transcriptional corepressor with inhibitor of histone acetyltransferase (INHAT) activity. It prevents acetylation of all core histones by the histone acetyltransferase EP300/p300. NOC2L interacts with p53, inhibits p53-activated gene expression, and regulates p53-dependent apoptosis. NIR binds to Tap63 and acts as a repressor of Tap63-mediated transactivation of the p21Cip1 gene. NOC2L is ubiquitously expressed throughout embryonic development and adulthood. NOC2L has been reported as a key regulator of skin development. Epidermis-specific ablation of NOC2L impairs epidermal stratification and barrier function.

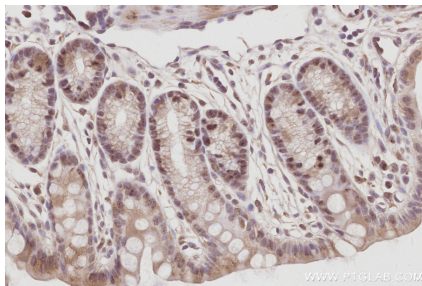
Synonyms

NIR, NOC2-like protein, Novel INHAT repressor, Nucleolar complex protein 2 homolog, Protein NOC2 homolog

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC3067 (NOC2L IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC3067 (NOC2L IHC Kit).