

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

Catalog Number: **KHC1076**

General Information

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

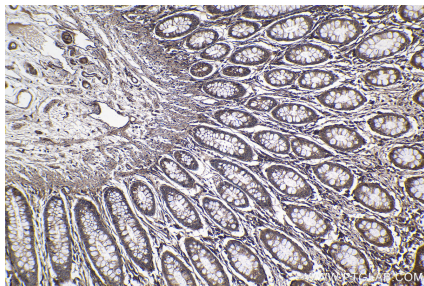
Background

Guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1 (GNAS1) is the ubiquitously expressed heterotrimeric G protein that couples receptors to the effector enzyme adenylyl cyclase and is required for receptor-stimulated intracellular cAMP generation. Mutations of Gs(alpha) residues involved in the GTPase reaction that lead to constitutive activation are present in endocrine tumors, fibrous dysplasia of bone, and McCune-Albright syndrome.

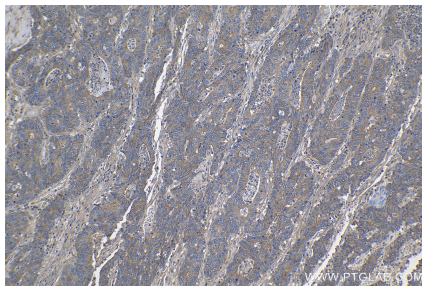
Synonyms

AHO, C20orf45, GNAS, GNAS complex locus, GNAS1, GPSA, GSA, GSP, NESP, PHP1A, PHP1B, POH, Protein ALEX

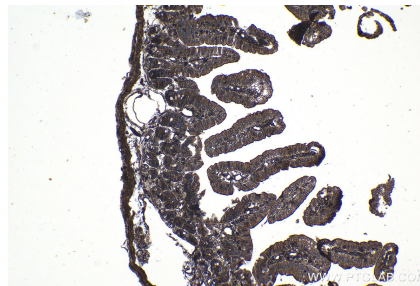
Selected Validation Data



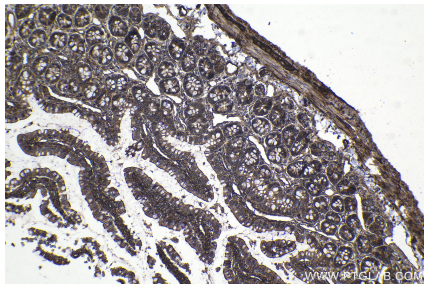
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1076 (GNAS IHC Kit).



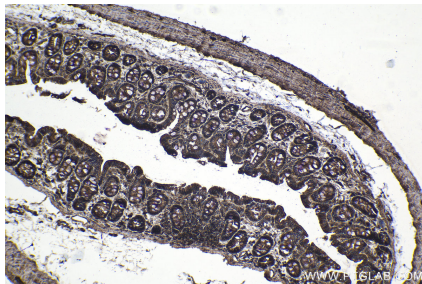
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC1076 (GNAS IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1076 (GNAS IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1076 (GNAS IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC1076 (GNAS IHC Kit).