

IHC*easy* GNAI3 Ready-To-Use IHC Kit

Catalog Number: **KHC2171**

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

GNAI3 is a member of the Gi group proteins, which belong to the Gα protein family. GNAI3 is involved in several critical biological processes and regulates many cellular activities, including proliferation, differentiation, apoptosis, and migration. For example, GNAI3 can regulate a class of K⁺ channels in response to hormone and neurotransmitter signals. In addition to its function as a downstream signal pathway switch for receptors on the plasma membrane, GNAI3 has also been shown to localize to the centrosome and affect cytokinesis. These indicate that GNAI3 has important receptor-independent functions.

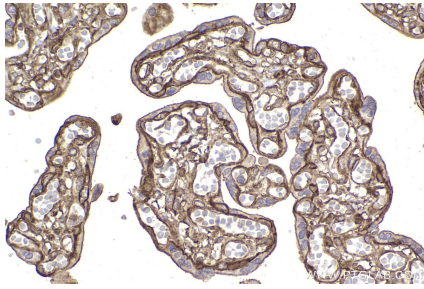
Synonyms

Guanine nucleotide-binding protein G(i) subunit alpha-3, G(i) alpha-3, 87U6

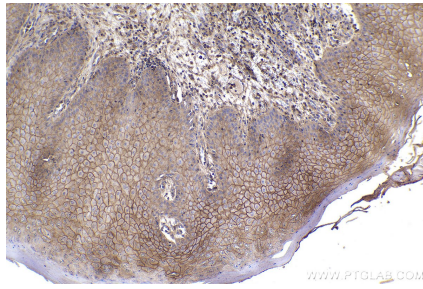
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

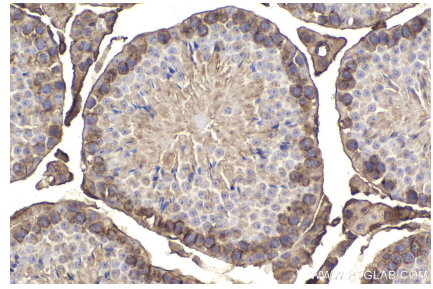
Selected Validation Data



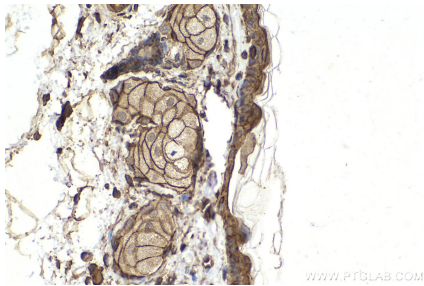
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2171 (GNAI3 IHC Kit).



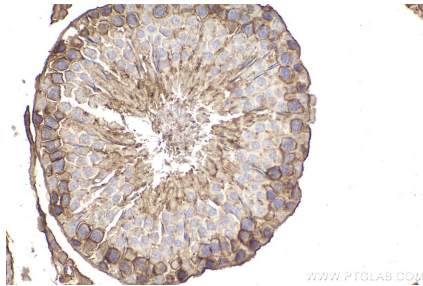
Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using KHC2171 (GNAI3 IHC Kit).



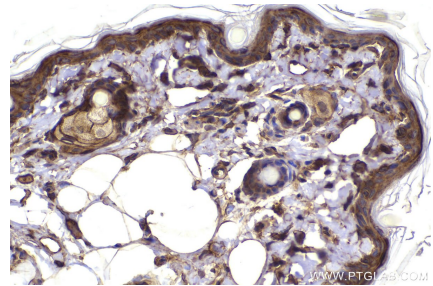
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2171 (GNAI3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using KHC2171 (GNAI3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC2171 (GNAI3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using KHC2171 (GNAI3 IHC Kit).