

IHC*easy* REEP4 Ready-To-Use IHC Kit

Catalog Number: **KHC2920**

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.

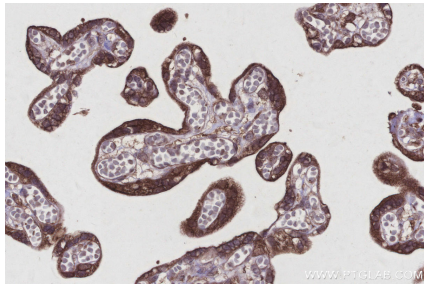
Background

REEP4 (Receptor Expression-Enhancing Protein 4) is a member of the REEP family of proteins, a transmembrane protein that interacts with odorant receptor proteins and may enhance the odorant receptor responses to odorants. It is localized to the endoplasmic reticulum (ER) and is associated with the nuclear envelope (NE). REEP4 helps link the high-curvature ER to the ELYS-based nuclear pore complex (NPC) seed, thereby promoting NPC biogenesis during late mitosis. REEP4 expression is associated with the cell cycle, osteoclast differentiation, Fc gamma R-mediated phagocytosis, and Human T-cell leukemia virus 1 infection.

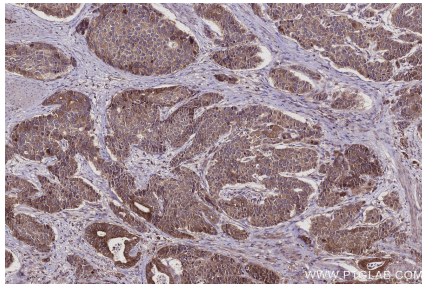
Synonyms

C8orf20, PP432, Receptor expression-enhancing protein 4

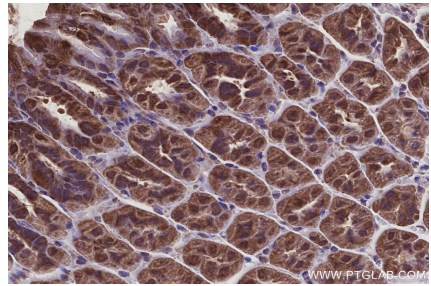
Selected Validation Data



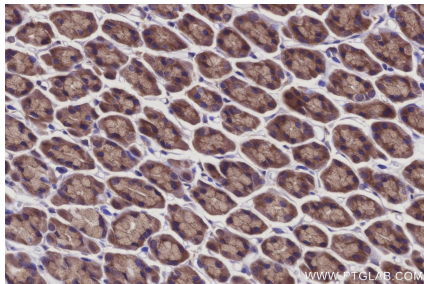
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2920 (REEP4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2920 (REEP4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2920 (REEP4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2920 (REEP4 IHC Kit).