

IHCeasy[®] PTPN9 Ready-To-Use IHC Kit

Catalog Number: **KHC3210**

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.

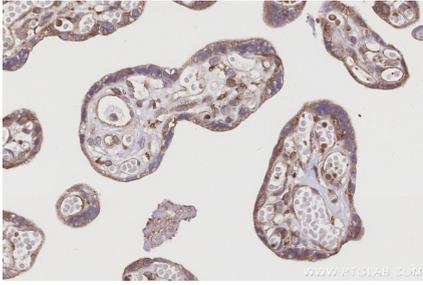
Background

PTPN9, Tyrosine-protein phosphatase non-receptor type 9, is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. PTPN9 is involved in the transfer of hydrophobic ligands or in functions of the Golgi apparatus. MiR-96 inhibits PTPN9 expression and consequently promotes proliferation, migration and invasion of breast cancer cells. PTPN9 can be detected double bands. PTPN9 was located in cytoplasm and nucleus in human breast cancer.

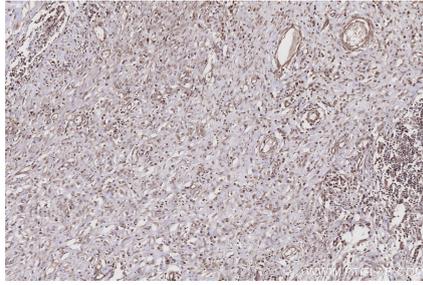
Synonyms

MEG2, EC:3.1.3.48, Protein-tyrosine phosphatase MEG2, PTPase MEG2, PTPaseMEG2

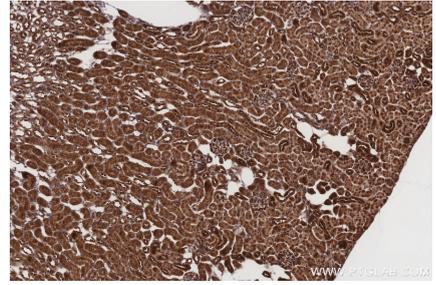
Selected Validation Data



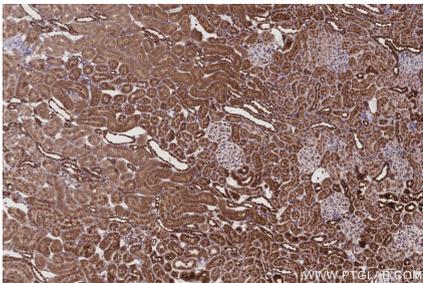
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3210 (PTPN9 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3210 (PTPN9 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3210 (PTPN9 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3210 (PTPN9 IHC Kit).