

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

Catalog Number: **KHC0658**

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.

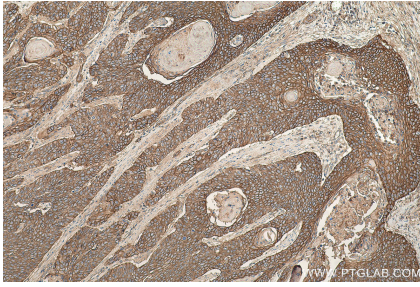
Background

AHNAK, also known as desmoyokin, is described as a giant scaffold protein based on its large size and ability to interact with different proteins to form multi-protein complexes. The bulk of the protein is assembled in 128-residue repetitive elements known as the central repeated unit (CRU). Its proposed functions are quite diverse, ranging from a role in the formation of the blood brain barrier, in cell architecture and migration, to the regulation of cardiac channels and muscle membrane repair. AHNAK is differentially expressed in some cancer cell lines. The expression of AHNAK is subsequently localized to the plasma membrane of keratinocytes in human epidermis. AHNAK has been reported in many intracellular locations including the nucleus, cytoplasm and plasma membrane.

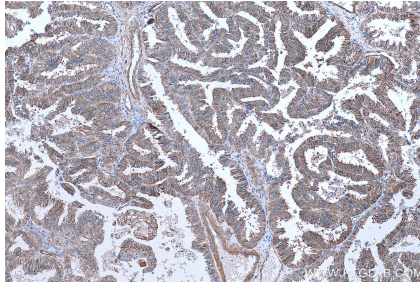
Synonyms

AHNAK, AHNAK nucleoprotein, AHNAKRS, Desmoyokin, PM227

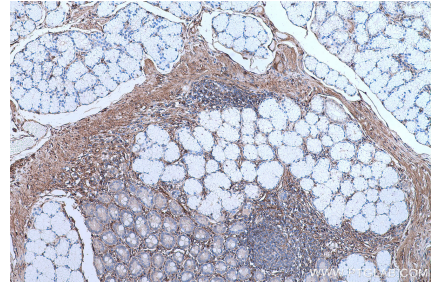
Selected Validation Data



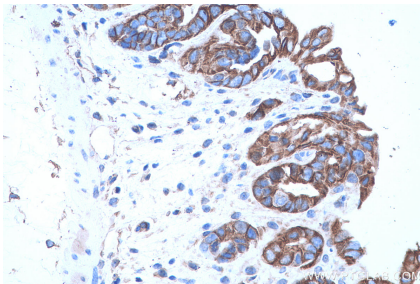
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using KHC0658 (AHNAK IHC Kit).



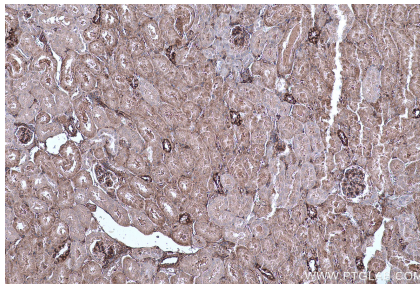
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0658 (AHNAK IHC Kit).



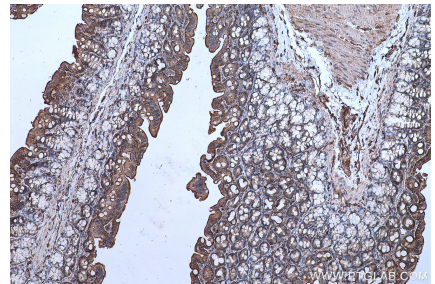
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0658 (AHNAK IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0658 (AHNAK IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0658 (AHNAK IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC0658 (AHNAK IHC Kit).