

IHCeasy[®] AVEN Ready-To-Use IHC Kit

Catalog Number: **KHC3118**

General Information

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

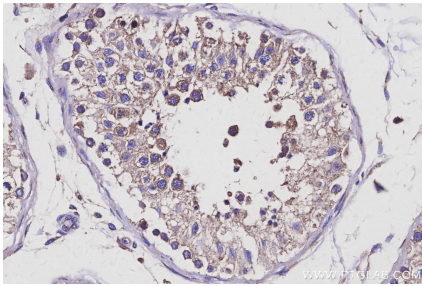
Background

AVEN (Apoptosis caspase activation inhibitor) is known to play a role in male and female germ cell development. AVEN protein has also been shown to inhibit the mitochondrial apoptosis pathway by binding to and inhibiting the self-association of proapoptotic APAF-1, as well as binding to and enhancing antiapoptotic BCL-xL activity. AVEN has also recently been shown to function as an activator of the cell cycle-regulating ATM kinase in the DNA damage response pathway.

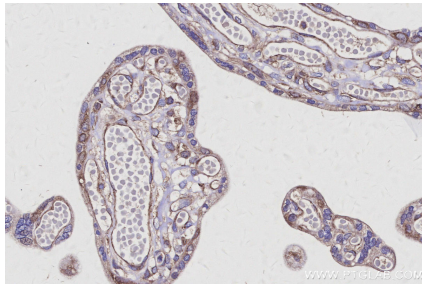
Synonyms

Cell death regulator Aven, PDCD12

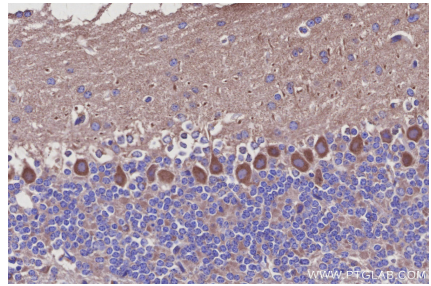
Selected Validation Data



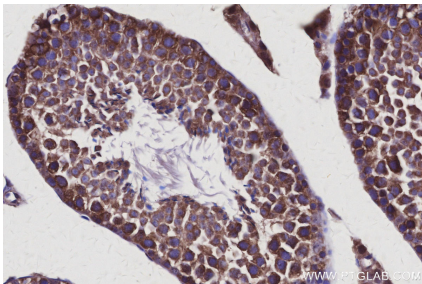
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using KHC3118 (AVEN IHC Kit).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3118 (AVEN IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC3118 (AVEN IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC3118 (AVEN IHC Kit).