

IHCeasy[®] BEX1/2 Ready-To-Use IHC Kit

Catalog Number: **KHC2884**

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.

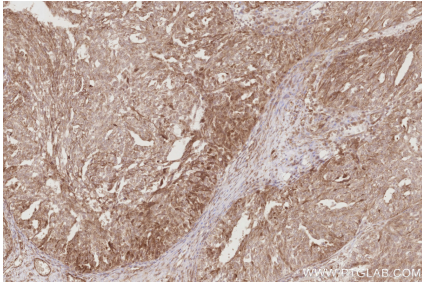
Background

BEX1 is a signaling adapter molecule involved in p75NTR/NGFR signaling. It lays a role in cell cycle progression and neuronal differentiation. BEX1 inhibits neuronal differentiation in response to nerve growth factor (NGF). BEX2 is a regulator of mitochondrial apoptosis and G1 cell cycle in breast cancer. It regulates the level of PP2A regulatory subunit B and PP2A phosphatase activity. The homology between human BEX1 and BEX2 is 94%. Primary antibody in this kit recognizes both BEX1 and BEX2.

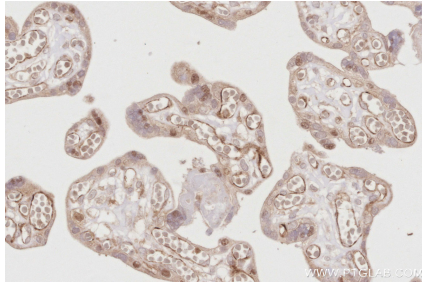
Synonyms

BEX2, Brain-expressed X-linked protein 2, hBex2

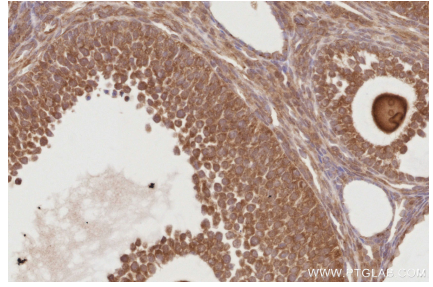
Selected Validation Data



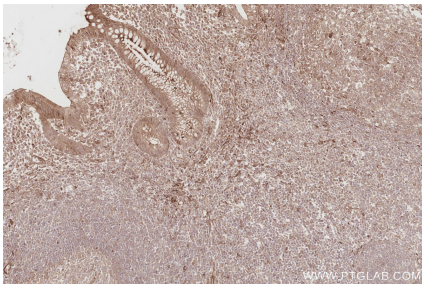
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2884 (BEX1/2 IHC Kit).



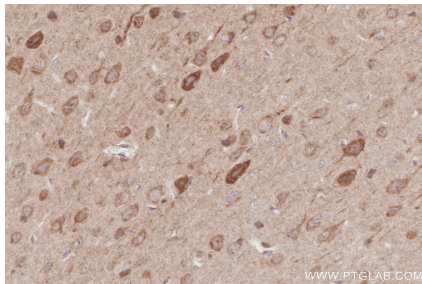
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2884 (BEX1/2 IHC Kit).



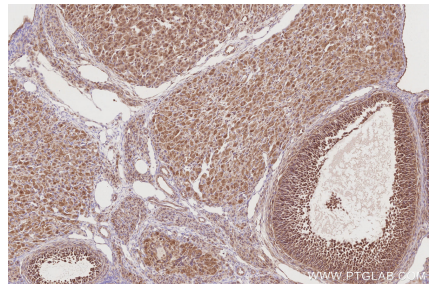
Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using KHC2884 (BEX1/2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2884 (BEX1/2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2884 (BEX1/2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using KHC2884 (BEX1/2 IHC Kit).