

IHC*easy* BIRC7 Ready-To-Use IHC Kit

Catalog Number: **KHC2781**

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.

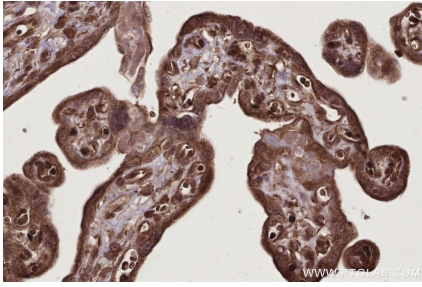
Background

BIRC7 also known as Livin, is one of the family members of the inhibitor of apoptosis protein (IAP). BIRC7 contains a BIR domain that has been shown to bind and inhibit caspases-3, -7 and -9, playing a key role in inhibiting apoptosis. Overexpression of BIRC7 in tumors has been linked with increased chemo- and radio-resistance, recurrence, and decreased patient survival. BIRC7 is closely associated with melanoma disease progression, apoptosis resistance, and chemotherapeutic drug resistance.

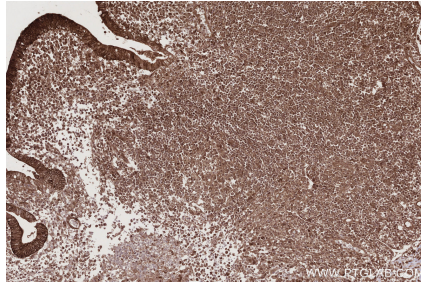
Synonyms

Baculoviral IAP repeat-containing protein 7, Baculoviral IAP repeat-containing protein 7 30kDa subunit, EC:2.3.2.27, KIAP, Livin

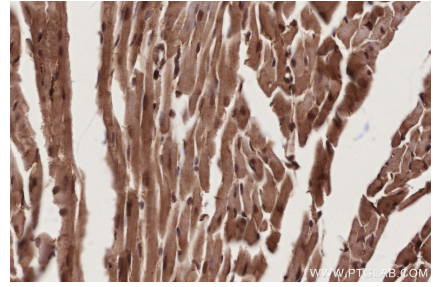
Selected Validation Data



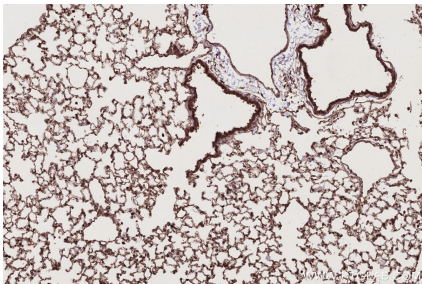
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2781 (BIRC7 IHC Kit).



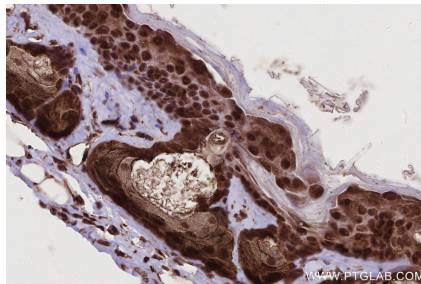
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2781 (BIRC7 IHC Kit).



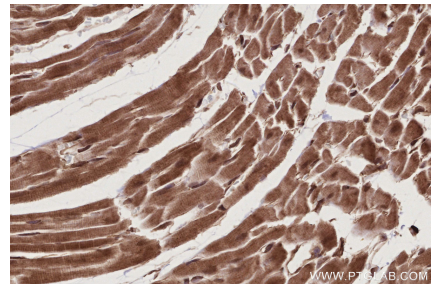
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC2781 (BIRC7 IHC Kit).



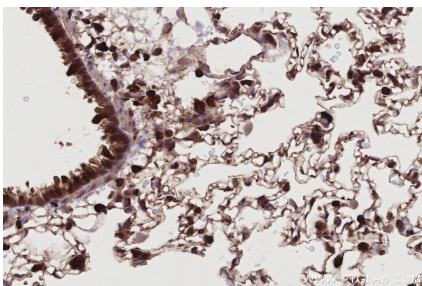
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2781 (BIRC7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using KHC2781 (BIRC7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC2781 (BIRC7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC2781 (BIRC7 IHC Kit).