

IHC*easy* FSTL1 Ready-To-Use IHC Kit

Catalog Number: **KHC0794**

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.

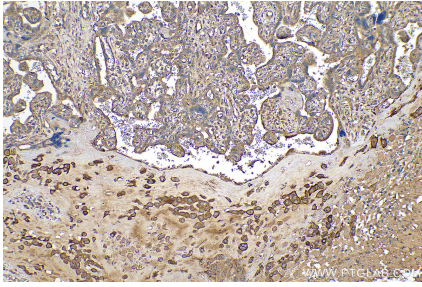
Background

Follistatin-like 1 (FSTL1), initially discovered as a TGF- β 1-induced gene, encodes a 308 amino acid secreted glycoprotein with a follistatin domain and two non-functional calcium-binding motifs. FSTL1 has been reported to be involved in the fate determination and maturation of epithelial cells. Ablation of the FSTL1 gene in the mouse results in several structural developmental defects and neonatal lethality due to respiratory failure, demonstrating its functional importance. FSTL1 has been reported to exhibit both pro- and anti-inflammatory actions, with a specific anti-apoptotic and protective effect in cardiac or renal cell injury.

Synonyms

follistatin like 1, Follistatin like protein 1, Follistatin related protein 1, FRP, FSL1, FSTL1, TSC-36

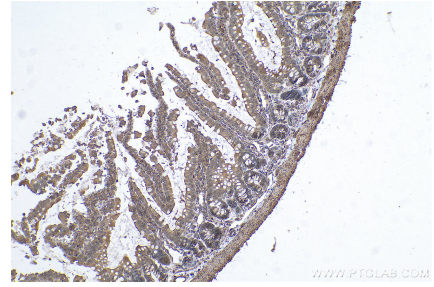
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC0794 (FSTL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0794 (FSTL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC0794 (FSTL1 IHC Kit).