

IHC*easy* FOXA2 Ready-To-Use IHC Kit

Catalog Number: **KHC0140**

General Information

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

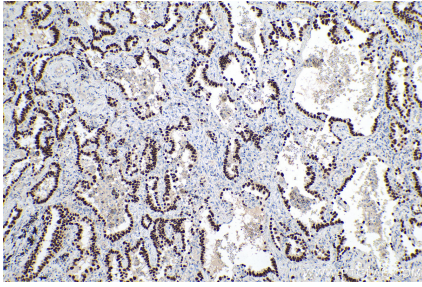
Background

FOXA2 also named as HNF 3 beta or TCF3B is a 457 amino acid protein, which contains one fork-head DNA-binding domains. FOXA2 can Shuttle between the nucleus and cytoplasm in a CRM1-dependent manner. Phosphorylation on FOXA2 Thr-156 abolishes binding to target promoters and subsequent transcription activation upon INS stimulation. FOXA2 as a transcription factor involves in embryonic development, establishment of tissue-specific gene expression and regulation of gene expression in differentiated tissues.

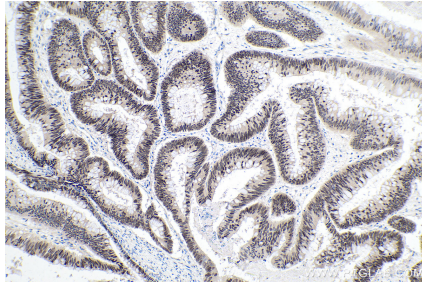
Synonyms

forkhead box A2, Forkhead box protein A2, FOXA2, HNF 3 beta, HNF 3B, HNF3B, TCF 3B, TCF3B, Transcription factor 3B

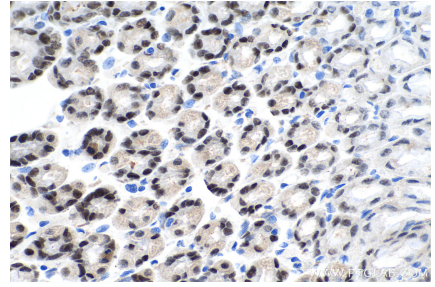
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0140 (FOXA2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0140 (FOXA2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC0140 (FOXA2 IHC Kit).