



IHCeasy RBM4 Ready-To-Use IHC Kit

Catalog Number: KHC2878

General Information

Sample type: FFPE tissue Cited sample type: Reactivity: human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Mouse Monoclonal

Secondary antibody type: Polymer-HRP-Goat anti-Mouse

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.

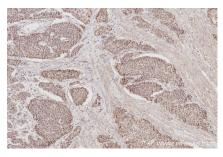
Background

RBM4, RNA-binding motif protein4, contains 2 RRM-type RNA-binding motif and a retroviral-type(RT) zinc finger. RNA-binding factor participates in number of aspects of cellular processes such as alternative splicing of pre-mRNA and translation regulation. RBM4 recruits eIF4A1 to stimulate IRES-dependent translation in responds to cellular stress. Once assembled at the rHRE, the HIF2A-RBM4-eIF4E2 complex captures the 5-prime cap and targets mRNAs to polysomes for active translation, thereby evading hypoxia-induced repression of protein synthesis.

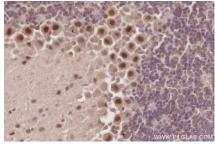
Synonyms

hLark, Lark homolog, RBM4A, RNA binding motif protein 4, RNA binding motif protein 4a

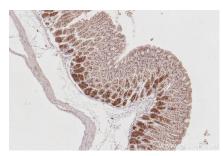
Selected Validation Data



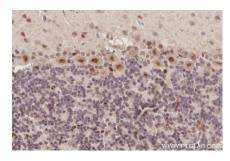
Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC2878 (RBM4 IHC Kit).



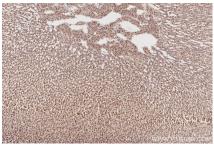
Immunohistochemical analysis of paraffinembedded mouse cerebellum tissue slide using KHC2878 (RBM4 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse stomach tissue slide using KHC2878 (RBM4 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat cerebellum tissue slide using KHC2878 (RBM4 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat adrenal gland tissue slide using KHC2878 (RBM4 IHC Kit).