

IHCeasy[®] NFAT5 Ready-To-Use IHC Kit

Catalog Number: **KHC1488**

General Information

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

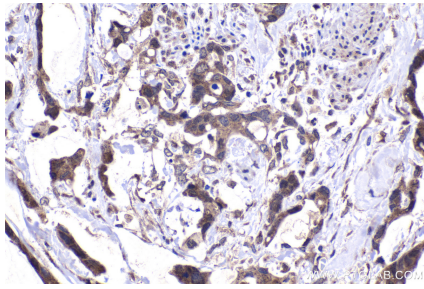
Background

NFAT5 (Nuclear factor of activated T-cells 5) is the member of the Rel family of transcription factors, including NF- κ B and NFAT1-4, which plays central roles in inducible gene expression during the immune response. NFAT5 also acts as a novel regulator of mammalian anti-pathogen responses, regulating TLR-induced gene expression in primary macrophages induced by Toll-like receptors. NFAT5 is involved in the transcriptional regulation of osmoprotective and inflammatory genes.

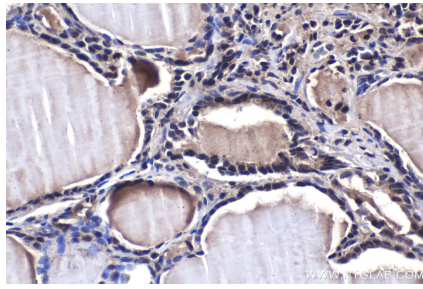
Synonyms

KIAA0827, NFAT5, NFAT5, NFATL1, NFATZ, OREBP, TonE binding protein, TONEBP

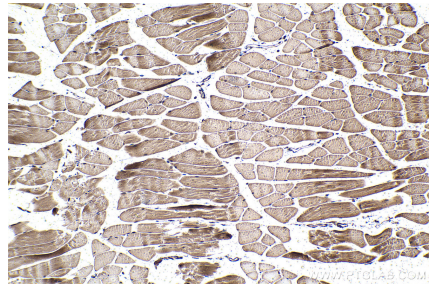
Selected Validation Data



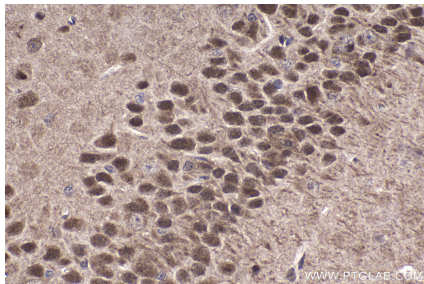
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1488 (NFAT5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1488 (NFAT5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC1488 (NFAT5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC1488 (NFAT5 IHC Kit).