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For Research Use Only

IHC*easy*® MKNK2 Ready-To-Use IHC Kit

Catalog Number: KHC2928

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Recombinant

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.

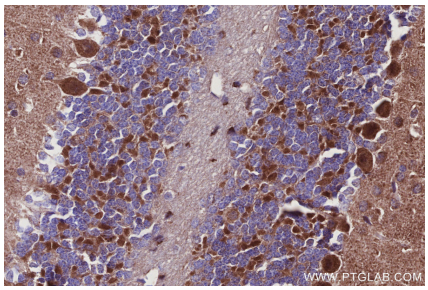
Background

MKNK2(MAP kinase-interacting serine/threonine-protein kinase 2) is also named as GPRK7, MNK2 and belongs to the CAMK Ser/Thr protein kinase family. It has a conserved C-terminal Erk-interacting domain, a catalytic domain with homology to the calcium/calmodulin-dependent family of kinases, and putative MAP kinase phosphorylation sites located within the T loop of the kinase domain.

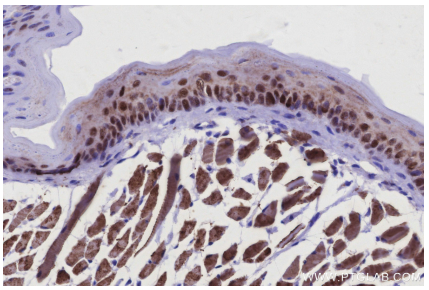
Synonyms

EC:2.7.11.1, GPRK7, MAP kinase signal-integrating kinase 2, MAP kinase-interacting serine/threonine-protein kinase 2, MAPK signal-integrating kinase 2

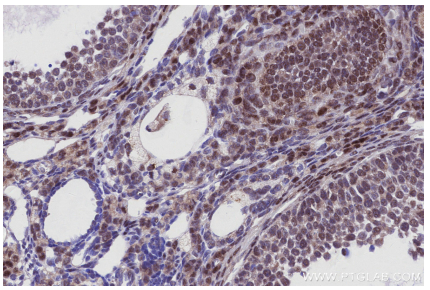
Selected Validation Data



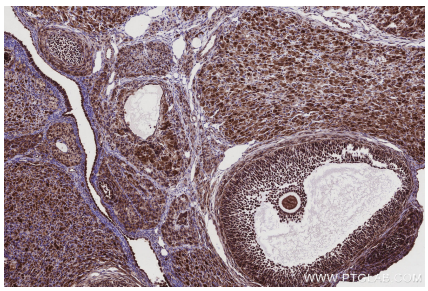
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC2928 (MKNK2 IHC Kit).



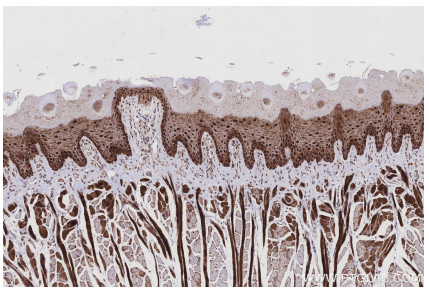
Immunohistochemical analysis of paraffin-embedded mouse tongue tissue slide using KHC2928 (MKNK2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using KHC2928 (MKNK2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using KHC2928 (MKNK2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat tongue tissue slide using KHC2928 (MKNK2 IHC Kit).