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For Research Use Only

IHC*easy* GSK3B Ready-To-Use IHC Kit

Catalog Number: KHC0116

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

Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to insulin regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis.

Synonyms

GSK 3 beta, GSK3A B, GSK3B, GSK3B 216P, gsk3beta, GSK3β

For technical support and original validation data for this product please contact:
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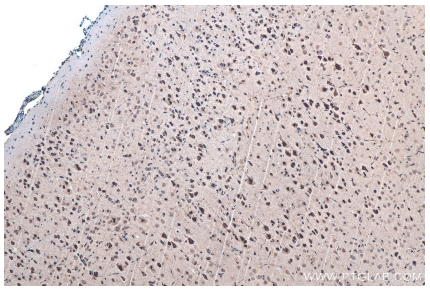
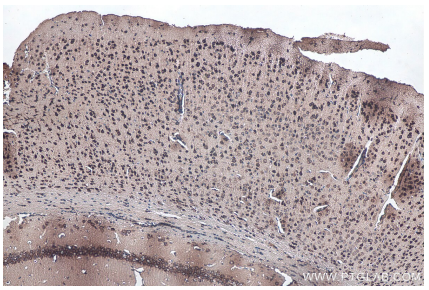
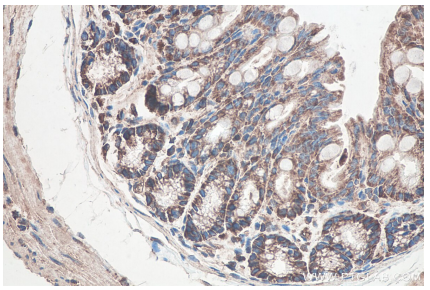
Selected Validation Data



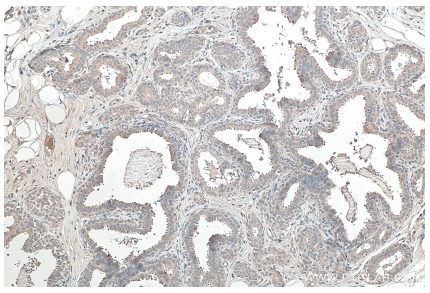
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0116 (GSK3B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC0116 (GSK3B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0116 (GSK3B IHC Kit).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC0116 (GSK3B IHC Kit).