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For Research Use Only

IHC*easy* LIS1 Ready-To-Use IHC Kit

Catalog Number: KHC2272

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, 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

Platelet-activating factor acetylhydrolase 1B subunit alpha (LIS1), a critical mediator of neuronal migration in developing brain, is expressed throughout life. LIS1 forms a homodimer that interacts directly with the dynein complex and is essential for its enrichment at dynamic microtubule plus ends in mammalian cells. In addition to regulating the association of dynein with microtubule plus ends, LIS1 is required for efficient transport of many dynein-associated cargos and proper localization of Golgi complexes, endosomes, lysosomes, and mitochondria.

Synonyms

PAFAH1B1, PAF-AH alpha, PAF-AH 45 kDa subunit, Lissencephaly-1 protein, LIS-1

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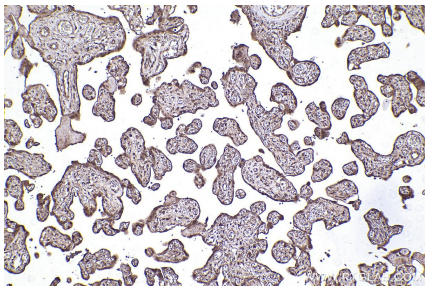
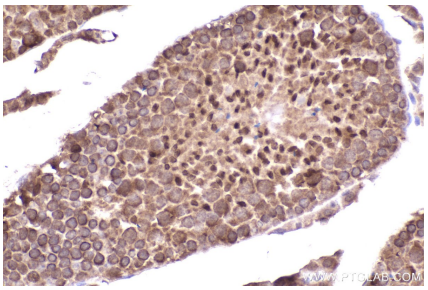
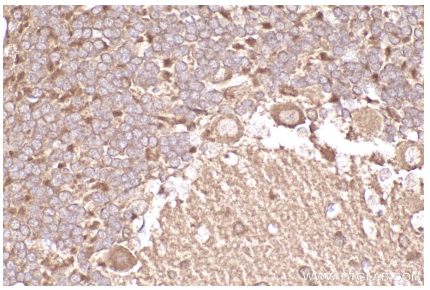
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2272 (LIS1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2272 (LIS1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using KHC2272 (LIS1 IHC Kit).