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For Research Use Only

IHC*easy*® TTL Ready-To-Use IHC Kit

Catalog Number: KHC3107

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

Tubulin-tyrosine ligase (TTL) is the enzyme responsible for the reversible addition of a tyrosine residue at the carboxyl end of alpha-tubulin. TTL forms stable complexes with tubulin and inhibit tubulin polymerization. TTL is frequently suppressed during tumor progression with resulting accumulation of detyrosinated alpha-tubulin in tumor cells. TTL suppression in human cancers is associated with increased tumor aggressiveness.

Synonyms

EC:6.3.2.25, Tubulin tyrosine ligase, tubulin tyrosine ligase, Tubulin--tyrosine ligase

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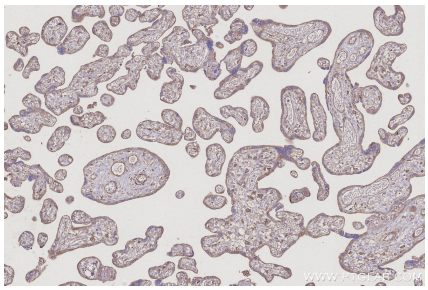
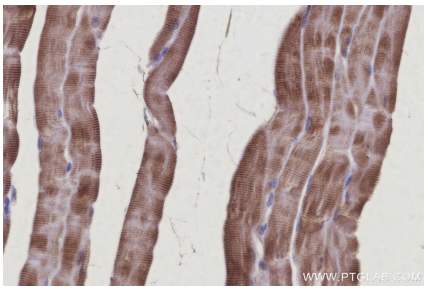
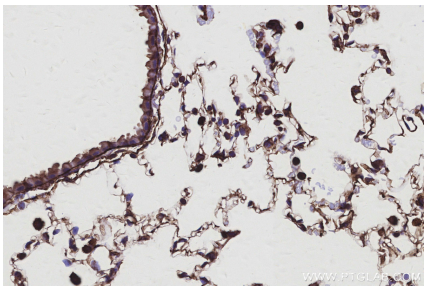
Selected Validation Data



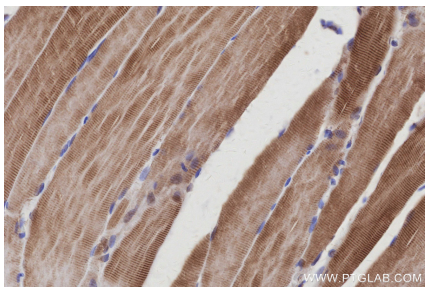
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3107 (TTL IHC Kit).



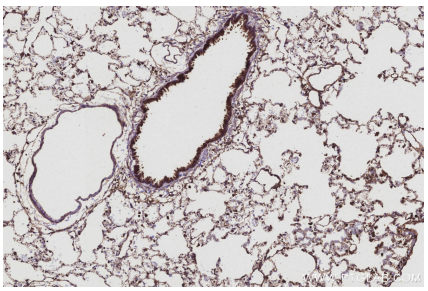
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC3107 (TTL IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC3107 (TTL IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC3107 (TTL IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC3107 (TTL IHC Kit).