

IHCeasy[®] GRINA Ready-To-Use IHC Kit

Catalog Number: **KHC3279**

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

Glutamate Receptor Ionotropic NMDA-Associated Protein 1 (GRINA, also known as TMBIM3) is a transmembrane protein involved in calcium homeostasis and cell survival. It plays a crucial role in regulating intracellular calcium levels, which are essential for processes such as cell survival, neurotransmitter release, and apoptosis. GRINA also involves vesicle transport and sorting, particularly in secretory cells like neurons and mammary glands. Additionally, GRINA has been implicated in regulating aerobic glycolysis and tumor progression in gastric cancer.

Synonyms

Glutamate [NMDA] receptor-associated protein 1, HNRGW, LFG1, Protein lifeguard 1, Putative MAPK-activating protein PMO2

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