

For Research Use Only

IHCeasy Cryptochrome 1/CRY1 Ready-To-Use IHC Kit

Catalog Number: KHC2503

General Information

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Rat **Cited Reactivity:**

Assay typ 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 Сору	
Manual	1 Сору	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

Cryptochrome circadian clock 1 (CRY1) is a flavin adenine dinucleotide-binding protein. CRY1 is a key component of the circadian core oscillator complex, which regulates the circadian clock. CRY1 predominantly displays evening-time expression and serves as a strong repressor of morning-time elements (E box/E-prime box) when bound to the BMAL1 (ARNTL)/CLOCK complex.

Synonyms

CRY1,Cryptochrome 1,CRY 1,Cryptochrome-1

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffinembedded human rectal cancer tissue slide using KHC2503 (Cryptochrome 1/CRY1 IHC Kit). Immunohistochemical analysis of paraffinembedded rat adrenal gland tissue slide using KHC2503 (Cryptochrome 1/CRY1 IHC Kit).

Immunohistochemical analysis of paraffinembedded rat brain tissue slide using KHC2503 (Cryptochrome 1/CRY1 IHC Kit).