

IHCeasy[®] OPRM1 Ready-To-Use IHC Kit

Catalog Number: **KHC3206**

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.

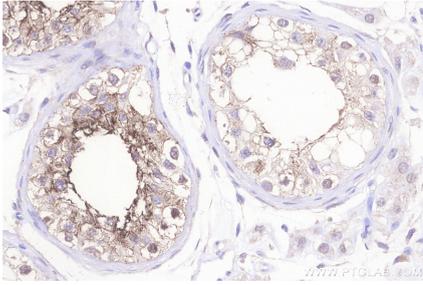
Background

OPRM1 (also known as Mu opioid receptor, MOR1, MOP) is a G protein-coupled receptor that mediates the physiological effects of endogenous opioids as well as the structurally distinct opioid alkaloids including morphine and etorphine. Mu opioid receptor modulates a wide range of physiological functions, particularly involved in the control of pain perception and reward properties. Mu opioid receptor is the principal target of opioid drugs. It is encoded by OPRM1 gene and multiple transcript variants encoding different isoforms have been found.

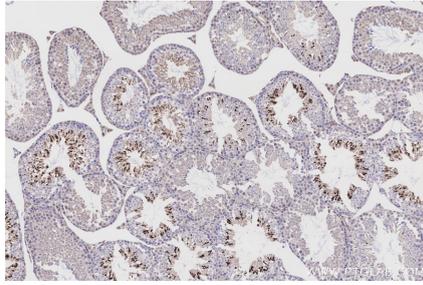
Synonyms

hMOP, KIAA0403, LMOR, MOR 1, MOP

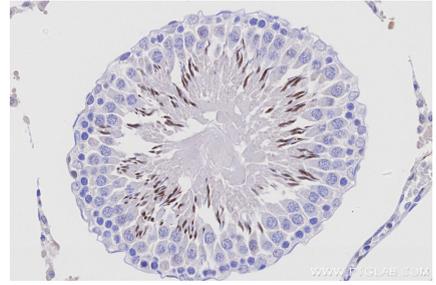
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using KHC3206 (OPRM1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC3206 (OPRM1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC3206 (OPRM1 IHC Kit).