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For Research Use Only

# IHC*easy*® MTARC1/MOSC1 Ready-To-Use IHC Kit

## Catalog Number: KHC3265

## 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

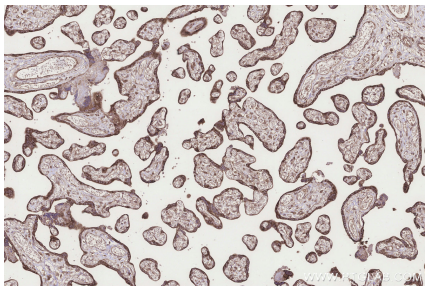
MOSC1 also known as MTARC1 and MARC1. It has 3 isoforms and is mainly expressed in liver, breast and adipose tissue. It is a novel signal-anchored protein of the outer mitochondrial membrane and is active in the N- reductive enzyme system and was also found to contribute to the regulation of nitric oxide synthesis.

## Synonyms

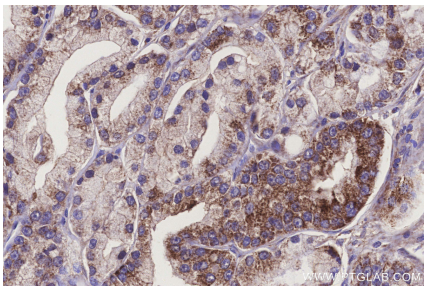
MOSC1, EC:1.7.-.-, mARC1, Moco sulfurase C-terminal domain-containing protein 1, Molybdenum cofactor sulfurase C-terminal domain-containing protein 1

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

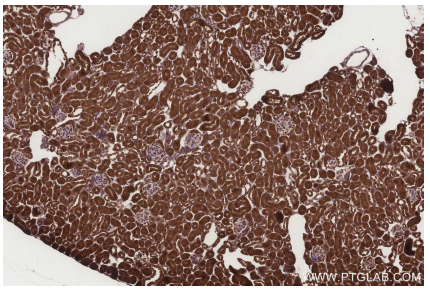
## Selected Validation Data



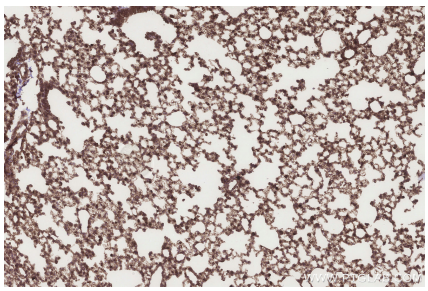
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3265 (MTARC1/MOSC1 IHC Kit).



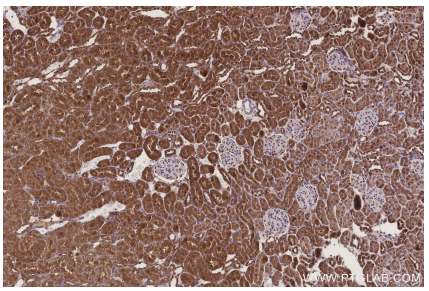

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC3265 (MTARC1/MOSC1 IHC Kit).




Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3265 (MTARC1/MOSC1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC3265 (MTARC1/MOSC1 IHC Kit).




Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3265 (MTARC1/MOSC1 IHC Kit).