

OCT1 (PT2040R) PT™ Rabbit mAb

CatalogNo: YM960330 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 77kD (Calculated)
- 90kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

Basic Information

Clonality Monoclonal

Clone Number PT2040R

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

Target Information

Gene name POU2F1

Protein Name POU domain class 2 transcription factor 1

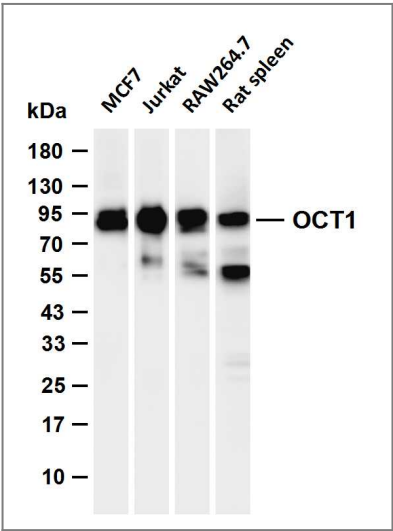
Organism	Gene ID	UniProt ID
Human	5451 ;	P14859 ;
Mouse	18986 ;	P25425 ;

Cellular Localization Nucleus.

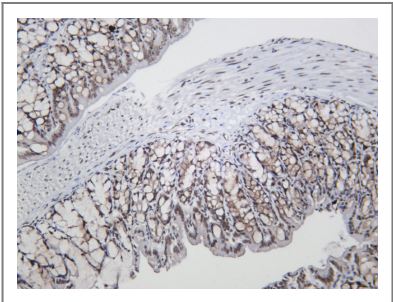
Tissue specificity Ubiquitous. Isoform 2 is lymphocyte-specific.

Function Function:Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1 , AR and PGR. ,PTM:Phosphorylated by PRKDC. ,similarity:Belongs to the POU transcription factor family. Class-2 subfamily. ,similarity:Contains 1 homeobox DNA-binding domain. ,similarity:Contains 1 POU-specific domain. ,subunit:Interacts with NR3C1 , AR , PGR and HCFC1. ,tissue specificity:Ubiquitous. Isoform 2 is lymphocyte-specific. ,

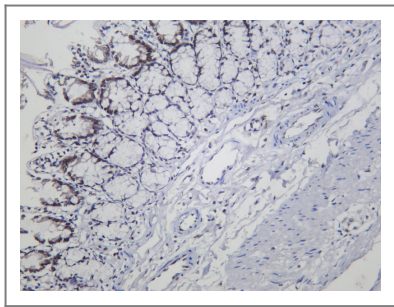
Validation Data



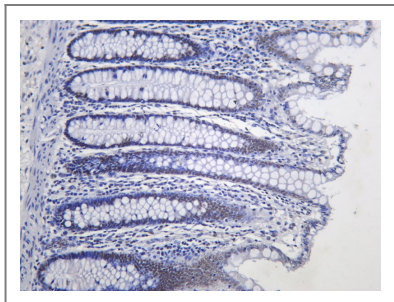
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-OCT1 (PT2040R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: Jurkat Lane 3: RAW264.7 Lane 4: Rat spleen Predicted band size: 77kDa Observed band size: 90kDa



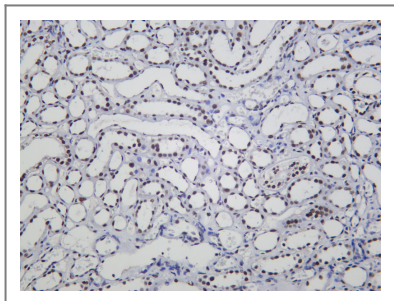
Mouse colon was stained with anti-OCT1 (PT2040R) Rabbit antibody



Rat colon was stained with anti-OCT1 (PT2040R) Rabbit antibody



Human colon was stained with anti-OCT1 (PT2040R) Rabbit antibody



Human kidney was stained with anti-OCT1 (PT2040R) Rabbit antibody

Contact information

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Please scan the QR code
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product information:
OCT1 (PT2040R)
PT™ Rabbit mAb

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