

# Anti-OCT1 Antibody

Catalog # AP54135

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P14859</a> |
| Other Accession   | <a href="#">P09086</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 76472                  |

## Additional Information

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|                    |   |
|--------------------|---|
| Gene ID            | 5451  |
| Other Names        | OCT1; OTF1; POU domain class 2 transcription factor 1; NF-A1; Octamer-binding protein 1; Oct-1; Octamer-binding transcription factor 1; OTF-1 |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence of human OCT1. The exact sequence is proprietary.                                    |
| Dilution           | WB~~1/500 - 1/2000  |
| Format             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.                               |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt   |

## Protein Information

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|                   |   |
|-------------------|---|
| Name              | POU2F1  |
| Synonyms          | OCT1, OTF1  |
| 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. |
| Cellular Location | Nucleus.  |
| Tissue Location   | Ubiquitous. Isoform 2 is lymphocyte-specific.   |

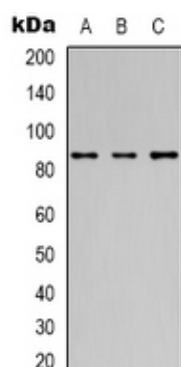
## Background

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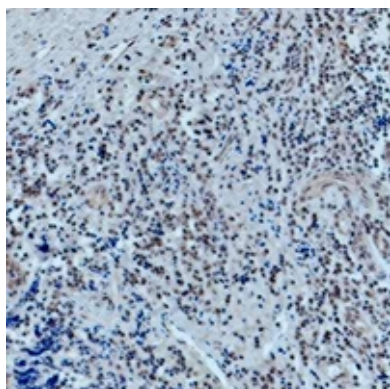
Mouse monoclonal antibody to OCT1

## Images

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Western blot analysis of 42278 expression in Hela (A), Jurkat (B), HepG2 (C) whole cell lysates.



Immunohistochemical analysis of 42278 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.