

**Anti-OCT1 Antibody**  
**Catalog # AP54135****Specification**

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**Anti-OCT1 Antibody - Product Information**

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

**Anti-OCT1 Antibody - Additional Information****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**

Recognizes endogenous levels of OCT1 protein.

**Dilution**

WB~~1/500 - 1/2000

IHC~~1:100~500

**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

**Anti-OCT1 Antibody - Protein Information****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.

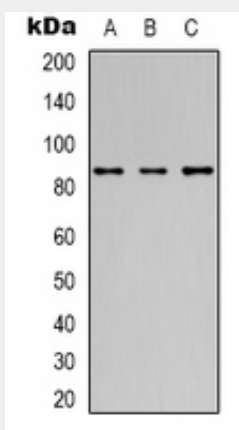
**Tissue Location**

Ubiquitous. Isoform 2 is lymphocyte-specific.

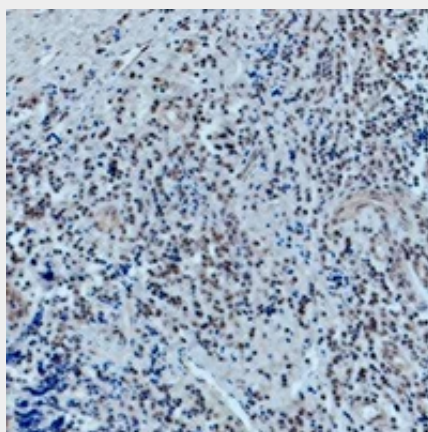
**Anti-OCT1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-OCT1 Antibody - Images**

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.

**Anti-OCT1 Antibody - Background**

Mouse monoclonal antibody to OCT1