

## OCT1 Antibody | anti-OCT1 antibody

OCT1 Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA110867</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

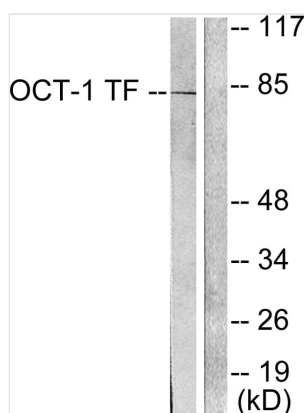
### PRODUCT SYNONYMS

OCT1; OCT1 Antibody; NF-A1; OTF-1; Octamer-binding transcription factor 1; PO21; PO2F1; POU domain; class 2; transcription factor 1; POU2F1; anti-OCT1 antibody

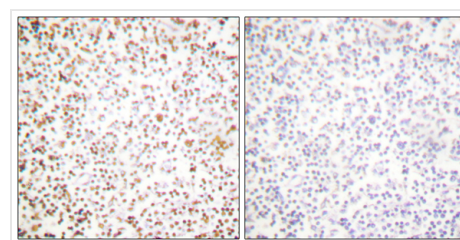
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Specificity                                    | OCT-1 antibody detects endogenous levels of total OCT-1 protein.                                               |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                | 755                                                                                                            |
| Applicable Applications for anti-OCT1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                           |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human OCT-1.                               |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                               |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts from HeLa cells, using OCT-1 antibody.


**IHC (Immunohistochemistry)**

Peptide-+ Immunohistochemical analysis of paraffin-embedded human lymph node tissue using OCT-1 antibody.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Rikke H. Lewinsky, Hum. Mol. Genet., Dec 2005; 14: 3945-3953. Harikrishna Nakshatri, J. Biol. Chem., Aug 1995; 270: 19613. Mingfeng Liu, Eur. J. Biochem., May 2003; 270: 2274. Vivek Mittal, Genes & Dev., Jul 1999; 13: 1807. |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 311771667                                                              |
| NCBI GeneID                      | 5451                                                                   |
| NCBI Accession #                 | NP_001185712.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001198783.1                                                         |
| UniProt Accession #              | P14859; Q5TBT7; Q6PK46; Q8NEU9; Q9BPV1; B1AL91; B1AL93; B4E029; J3KP77 |
| Molecular Weight                 | 72,082 Da                                                              |
| NCBI Official Full Name          | POU domain, class 2, transcription factor 1 isoform 2                  |
| NCBI Official Synonym Full Names | POU class 2 homeobox 1                                                 |
| NCBI Official Symbol             | POU2F1                                                                 |
| NCBI Official Synonym Symbols    | OCT1; OTF1; oct-1B                                                     |
| NCBI Protein Information         | POU domain, class 2, transcription factor 1                            |
| UniProt Protein Name             | POU domain, class 2, transcription factor 1                            |
| UniProt Gene Name                | <b>POU2F1</b>                                                          |
| UniProt Synonym Gene Names       | OCT1; OTF1; Oct-1; OTF-1                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/oct1/110867>