

Oct-2 Antibody
Rabbit mAb
Catalog # AP91655

Specification

Oct-2 Antibody - Product Information

Application	WB, FC, ICC, IP
Primary Accession	P09086
Reactivity	Rat
Clonality	Monoclonal
Other Names	
NF A2; Oct 2; Oct-2; OTF-2; OTF2; POU2F2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	51209 Da

Oct-2 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Oct-2
Description	Transcription factor that specifically binds to the octamer motif (5'-ATTGTCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Oct-2 Antibody - Protein Information

Name POU2F2 ([HGNC:9213](#))

Synonyms OCT2, OTF2

Function

Transcription factor that specifically binds to the octamer motif (5'-ATTGTCAT-3') (PubMed:2904654, PubMed:7859290). Regulates IL6 expression in B cells with POU2AF1 (By similarity). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression (PubMed:2904654).

[2901913](http://www.uniprot.org/citations/2901913), PubMed: [2904654](http://www.uniprot.org/citations/2904654)). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed: [10480874](http://www.uniprot.org/citations/10480874)).

Cellular Location

Cytoplasm. Nucleus.

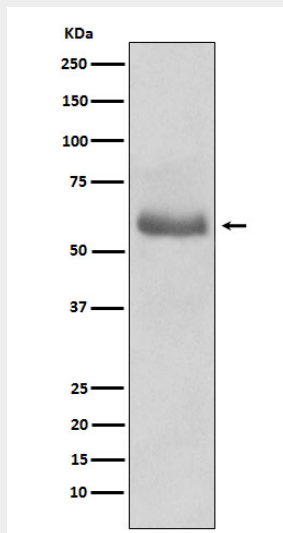
Tissue Location

Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

Oct-2 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](#)

Oct-2 Antibody - Images

Western blot analysis of Oct-2 expression in Ramos cell lysate.