

OCT2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51440**Specification**

OCT2 Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	P09086
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55 KDa

OCT2 Antibody - Additional Information**Gene ID** 5452**Other Names**

POU domain, class 2, transcription factor 2, Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2, Octamer-binding protein 2, Oct-2, Octamer-binding transcription factor 2, OTF-2, POU2F2, OCT2, OTF2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human 41914. The exact sequence is proprietary.

Dilution

WB~~1:1000
ICC~~N/A
IHC-P~~N/A
E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

OCT2 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:2901913, PubMed:2904654). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed: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.

OCT2 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](#)

OCT2 Antibody - Images**OCT2 Antibody - Background**

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. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.

OCT2 Antibody - References

Clerc R.G.,et al.Genes Dev. 2:1570-1581(1988).
Scheidereit C.,et al.Nature 336:551-557(1988).
Kalline N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Mueller M.M.,et al.Nature 336:544-551(1988).
Muller-Immergluck M.M.,et al.EMBO J. 9:1625-1634(1990).