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Oct-2 Antibody

Rabbit mAb
Catalog # AP91655

Product Information

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

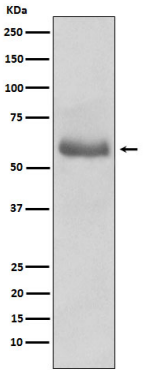
Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:100
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Oct-2
Description	Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-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.

Protein Information

Name	POU2F2 (HGNC:9213)
Synonyms	OCT2, OTF2
Function	Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-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.

Images



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

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