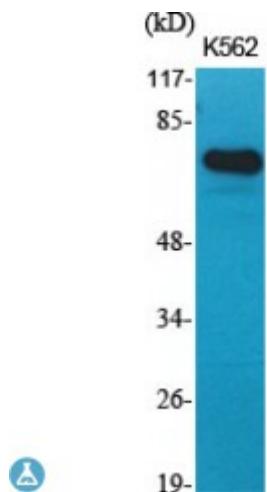


## Anti-Oct-1 antibody



<b>Description</b>	Rabbit polyclonal to Oct-1.
<b>Model</b>	STJ94595
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human 40817
<b>Immunogen Region</b>	10-90 aa, N-terminal
<b>Gene ID</b>	<a href="#">5451</a>
<b>Gene Symbol</b>	<a href="#">POU2F1</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
<b>Specificity</b>	Oct-1 Polyclonal Antibody detects endogenous levels of 40817 protein.
<b>Tissue Specificity</b>	Ubiquitous. Isoform 2 is lymphocyte-specific.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	POU domain, class 2, transcription factor 1 NF-A1 Octamer-binding protein 1 01/10/01 Octamer-binding transcription factor 1 OTF-1
<b>Molecular Weight</b>	76 kDa
<b>Clonality</b>	Polyclonal

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<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:9212</a> <a href="#">OMIM:164175</a>
<b>Alternative Names</b>	POU domain, class 2, transcription factor 1 NF-A1 Octamer-binding protein 1 01/10/01 Octamer-binding transcription factor 1 OTF-1
<b>Function</b>	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 . In case of human herpes simplex virus (HSV) infection, POU2F1 forms a multiprotein-DNA complex with the viral transactivator protein VP16 and HCFC1 thereby enabling the transcription of the viral immediate early genes.
<b>Cellular Localization</b>	Nucleus.
<b>Post-translational Modifications</b>	Phosphorylated by PRKDC.

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