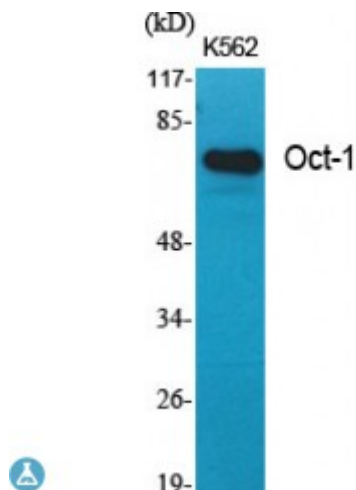


Anti-Oct-1 antibody



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

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9212OMIM:164175
Alternative Names	POU domain, class 2, transcription factor 1 NF-A1 Octamer-binding protein 1 01/10/01 Octamer-binding transcription factor 1 OTF-1
Function	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.
Cellular Localization	Nucleus.
Post-translational Modifications	Phosphorylated by PRKDC.

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