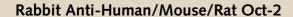
## Oct-2 antibody (pAb)





Instruction Manual	
Catalog Number	PK-AB577-3575
Description	Members of Oct family of transcription factors specifically interact with Octamer motif ATGCAAAT, a regulatory element important for tissue- and cell-specific transcription as well as for transcription of a number of housekeeping genes. All of the members of the Oct family contain two highly conserved domains which are separated by 14-26 variable amino acids. These include the POU homeodomain and the POU-specific domain. Both are required for DNA binding and are involved in protein-protein interactions. Evidences indicate that regulation of Oct family transcription factors occurs at the level of phosphorylation.
Quantity	100 μg
Source / Host	Rabbit
Immunogen	Synthetic peptide mapping to the c-terminus of human Oct-2.
Clone / IgG Subtype	Rabbit IgG
Species Reactivity	human, mouse, rat
Specificity	See Applications or Species Reactivity.
Formulation	100 μg (0.5 mg/ml) purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.
Reconstitution	Can be diluted in other aqueous buffers at the concentrations determined for the respective application.
Storage & Stability	Store at -20°C. For long-term storage, aliquot and refreeze at -70°C. Avoid repeated freeze/thaw cycles.
Applications	Western blotting (0.5-4 $\mu$ g/ml), immunoprecipitation, immunohistochemistry. The optimal conditions should be determined individually. Antibody might be suitable for other applications not tested so far. The antibody recognizes ~52 kDa Oct-2 in samples from human, mouse, and rat origins. Reactivity to other species has not been tested.