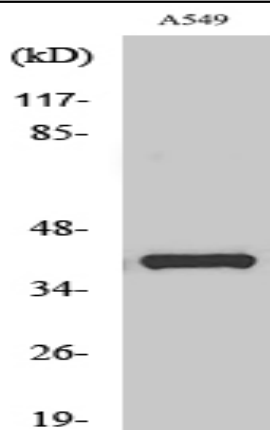


## Oct-6 Polyclonal Antibody

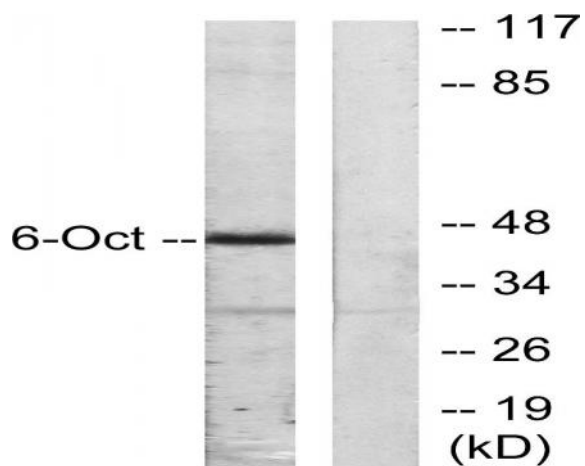
<b>Catalog No :</b>	YT3234
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Oct-6
<b>Gene Name :</b>	POU3F1
<b>Protein Name :</b>	POU domain class 3 transcription factor 1
<b>Human Gene Id :</b>	5453
<b>Human Swiss Prot No :</b>	Q03052
<b>Mouse Gene Id :</b>	18991
<b>Mouse Swiss Prot No :</b>	P21952
<b>Rat Gene Id :</b>	192110
<b>Rat Swiss Prot No :</b>	P20267
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human OCT6. AA range:311-360
<b>Specificity :</b>	Oct-6 Polyclonal Antibody detects endogenous levels of 40822 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	45kD
<b>Background :</b>	function:Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Thought to be involved in early embryogenesis and neurogenesis.,similarity:Belongs to the POU transcription factor family. Class-3 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,tissue specificity:Expressed in embryonal stem cells and in the developing brain.,
<b>Function :</b>	function:Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Thought to be involved in early embryogenesis and neurogenesis.,similarity:Belongs to the POU transcription factor family. Class-3 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,tissue specificity:Expressed in embryonal stem cells and in the developing brain.,
<b>Subcellular Location :</b>	Nucleus .
<b>Expression :</b>	Expressed in embryonal stem cells and in the developing brain.
<b>Sort :</b>	11060
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



Western Blot analysis of various cells using Oct-6 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from A549 cells, using OCT6 Antibody. The lane on the right is blocked with the synthesized peptide.