

# Oct6 Recombinant Rabbit mAb

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Catalog # AP94354

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant
<b>Physical State</b>	Liquid
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Membrane; Multi-pass membrane protein (Potential). Cell membrane. Note=Detected in the plasma mebrane of Sertoli cells and in the luminal membrane of epithelial cells in the epididymis.
<b>SIMILARITY</b>	Belongs to the major facilitator (TC 2.A.1) superfamily. Organic cation transporter (TC 2.A.1.19) family.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	This gene encodes a member of the organic zwitterions transporter protein family which transports carnitine. The encoded protein has also been shown to transport anticancer drugs like bleomycin (PMID: 20037140) successful treatment has been correlated with the level of activity of this transporter in tumor cells. [provided by RefSeq, Dec 2011].

## Additional Information

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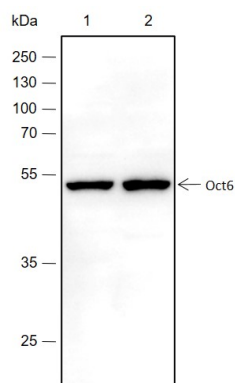
<b>Target/Specificity</b>	Widely expressed at low levels in adult tissues and fetal brain, lung, liver and kidney. Expressed in testis and epididymis (at protein level). Expressed at lower levels in bone marrow and fetal liver. Expressed in hematopoietic cells, including CD34(+) leukocytes and leukemia cells. Abundantly expressed in ovarian cancer clear-cell adenocarcinoma. Expressed in endometrium (at protein level); highly expressed during the normal secretory phase, but expression is significantly reduced in the proliferative phase.
<b>Dilution</b>	WB=1:500-1:2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=0
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Background

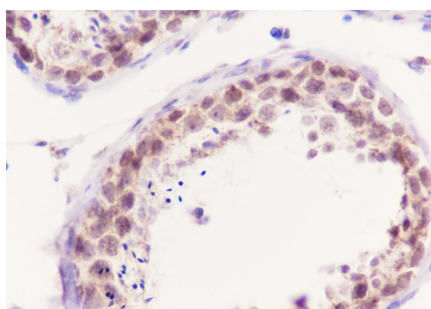
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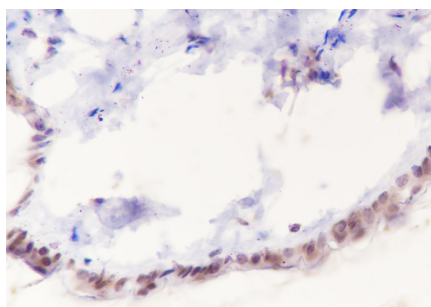
## Images



Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:2000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: 1: A549, 2: Jurkat Protein loading quantity: 20 µg Exposure time: 30 s Predicted MW: 45 kDa Observed MW: 50 kDa



Tissue: Human testis Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:100 Primary ab incubation condition: 1 hour at room temperature Secondary ab: SP Kit(Rabbit) (sp-0023) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for AP94354



Tissue: Mouse skin Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:100 Primary ab incubation condition: 1 hour at room temperature Secondary ab: SP Kit(Rabbit) (sp-0023) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for AP94354

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.