

Oct6 Recombinant Rabbit mAb

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Catalog # AP94354

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	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.
SIMILARITY	Belongs to the major facilitator (TC 2.A.1) superfamily. Organic cation transporter (TC 2.A.1.19) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Target/Specificity	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.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	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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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].

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