



# S22AG rabbit pAb

<b>Catalog No</b>	BYab-08564
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	SLC22A16 OCT6
<b>Protein Name</b>	S22AG
<b>Immunogen</b>	Synthesized peptide derived from human S22AG AA range: 49-99
<b>Specificity</b>	This antibody detects endogenous levels of S22AG at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Membrane ; Multi-pass membrane protein . Cell membrane . Detected in the plasma membrane of Sertoli cells and in the luminal membrane of epithelial cells in the epididymis.
<b>Tissue 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>Function</b>	function:High affinity carnitine transporter; the uptake is partially sodium-ion dependent. Thought to mediate the L-carnitine secretion mechanism from testis epididymal epithelium into the lumen which is involved in the maturation of spermatozoa. Also transports organic cations such as tetraethylammonium (TEA) and doxorubicin. The uptake of TEA is inhibited by various organic cations. The

Nanjing BYabscience technology Co.,Ltd



uptake of doxorubicin is sodium-independent.,similarity:Belongs to the major facilitator superfamily. Organic cation transporter family.,subcellular location:Detected in the plasma mebrane of Sertoli cells and in the luminal membrane of epithelial cells in the epididymus.,tissue specificity:Widely expressed at low levels in adult tissues and fetal brain, lung, liver and kidney. Expressed in testis and epididymus (at protein level). Expressed at lower levels in bone marrow and fetal liver. Expressed in

**Background**

This gene encodes a member of the organic zwitterion 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],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

