

Mouse Monoclonal Antibody to Mouse TUG

Catalogue Number	sAP-0041
Target Molecule	Name: Mouse TUG Aliases: ASPCR1, ASPL, ASPS, RCC17, TUG, UBXD9, UBXN9 MW: N/A Entrez Gene ID: 79058
Description	The TUG protein contains a UBX domain, for GLUT4. In truncated form, TUG acts in a dominant-negative manner to inhibit insulin-stimulated GLUT4 redistribution in Chinese hamster ovary cells and 3T3-L1 adipocytes. Full-length TUG forms a complex specifically with GLUT4. In 3T3-L1 adipocytes, this complex is present in unstimulated cells and is largely disassembled by insulin. Endogenous TUG is localized with the insulin-mobilizable pool of GLUT4 in unstimulated 3T3-L1 adipocytes, and is not mobilized to the plasma membrane by insulin.
Immunogen	Purified recombinant fragment of TUG expressed in E. Coli.
Recitative Species	Mouse
Clone	MM4A11A6G11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Nature 2003,425:727 - 733. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**