

Datasheet for ABIN2464084

anti-ASPSCR1 antibody (truncated)[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mL
Target:	ASPSCR1
Binding Specificity:	truncated
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ASPSCR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Ni-NTA purified truncated recombinant TUG expressed in E. Coli strain BL21 (DE3).
Clone:	4A11A6G11
Isotype:	IgG1
Purification:	Antibody is purified by protein A affinity chromatography and resuspended in PBS with 0.2%BSA, 0.09% sodium azide.

Target Details

Target:	ASPSCR1
Alternative Name:	TUG (ASPSCR1 Products)
Background:	The TUG protein contains a UBX domain, for GLUT4. In truncated form, TUG acts in a dominant-

Target Details

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.

Gene ID: 79058

UniProt: [Q9BZE9](#)

Application Details

Application Notes: Western Blot:1:500 - 1:2,000
ELISA:Propose dilution 1:10,000.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS containing 0.03 % sodium azide

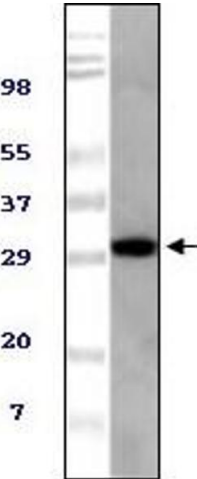
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Storage: -20 °C

Storage Comment: Mouse TUG monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.