

Datasheet for ABIN1724649

**anti-ASPSCR1 antibody**[Go to Product page](#)**1** Image**1** Publication

## Overview

Quantity:	100 µL
Target:	ASPSCR1
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ASPSCR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Purified recombinant fragment of TUG expressed in E. Coli.
Clone:	4A11A6G11
Isotype:	IgG1
Purification:	Purified

## Target Details

Target:	ASPSCR1
Alternative Name:	TUG ( <a href="#">ASPSCR1 Products</a> )
Background:	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

## Target Details

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

HGNC: 79058

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS containing 0.03 % sodium azide.

Preservative: Sodium azide

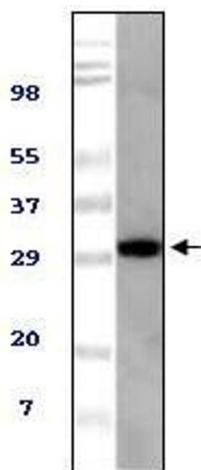
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: 4°C, -20°C for long term storage

## Publications

Product cited in: Nayernia, Adham, Burkhardt-Göttges, Neesen, Rieche, Wolf, Sancken, Kleene, Engel: "Asthenozoospermia in mice with targeted deletion of the sperm mitochondrion-associated cysteine-rich protein (Smcp) gene." in: **Molecular and cellular biology**, Vol. 22, Issue 9, pp. 3046-52, (2002) ([PubMed](#)).



Western Blotting

**Image 1.** Western blot analysis using TUG mouse mAb against NIH/3T3 cell lysate.