

Datasheet for ABIN967214
anti-ASPSCR1 antibody[Go to Product page](#)

1 Publication

Overview

Quantity:	0.1 mg
Target:	ASPSCR1
Reactivity:	Mouse
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This ASPSCR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified truncated recombinant TUG expressed in E. Coli strain BL21 (DE3)
Purification:	Antibodies are purified by protein A affinity chromatography

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 dominantnegative 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

Target Details

3T3-L1 adipocytes, and is not mobilized to the plasma membrane by insulin.

Gene ID: 68938

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

Buffer: PBS with 0.2%BSA

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: -20 °C

Publications

Product cited in: Mohan, Mohan, Wilson: "Discoidin domain receptor (DDR) 1 and 2: collagen-activated tyrosine kinase receptors in the cornea." in: **Experimental eye research**, Vol. 72, Issue 1, pp. 87-92, (2001) ([PubMed](#)).

Foehr, Tatavos, Tanabe, Raffioni, Goetz, Dimarco, De Luca, Bradshaw: "Discoidin domain receptor 1 (DDR1) signaling in PC12 cells: activation of juxtamembrane domains in PDGFR/DDR/TrkA chimeric receptors." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 14, Issue 7, pp. 973-81, (2000) ([PubMed](#)).