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3942 B Valley Ave, Pleasanton, CA 94566
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Anti-ASPSCR1/Tug Antibody

Catalog Number: A05168

About ASPSCR1

Tug (Tether containing UBX domain for GLUT4), also known as ASPL, ASPSCR1, RCC17, UBXD9, UBXN9, was first identified as a chromosomal translocation partner for TFE3 in patients with Alveolar soft part sarcoma and contains an UBX-like domain in its C-terminal region. Tug is found to tether GLUT4 in intracellular vesicles and to release GLUT4 for cell surface translocation upon insulin stimulation . Stable Tug depletion or expression of a dominant negative form stimulates GLUT4 redistribution.

Ladanyi, M. et al. (2001) Oncogene 20, 48-57.
Bogan, J.S. et al. (2003) Nature 425, 727-33.
Yu, C. et al. (2007) J Biol Chem 282, 7710-22.

Overview

Product Name	Anti-ASPSCR1/Tug Antibody
Reactive Species	Human
Description	Boster Bio Anti-ASPSCR1/Tug Antibody (Catalog # A05168). Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9BZE9

Technical Details

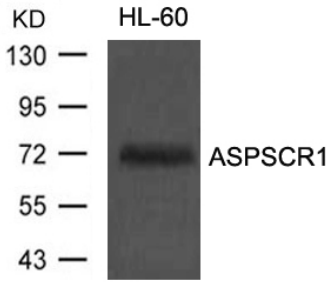
Immunogen	Peptide sequence around aa.303 ~307(P-Q-Q-E-Q) derived from Human ASPSCR1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

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Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Predicted MW: 70-75kd Western blotting: 1:500~1:1000

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Anti-ASPSCR1/Tug Antibody (A05168) Images



Western blot analysis of extracts from HL60 cells using ASPSCR1 antibody A05168.

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