ASPSCR1 Antibody

Catalog No: #21430

Package Size: #21430-1 50ul #21430-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

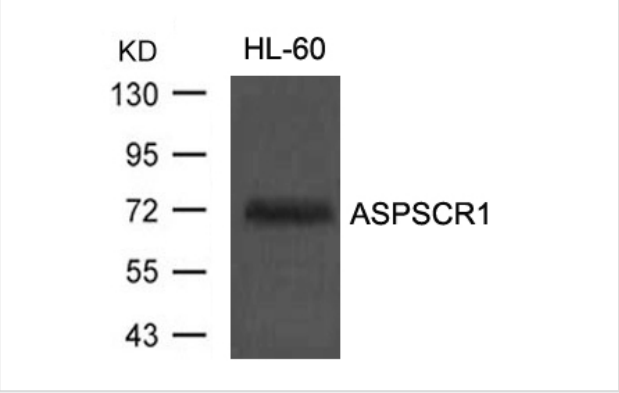
Product Name	ASPSCR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ASPSCR1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.303 ~307(P-Q-Q-E-Q) derived from Human ASPSCR1.
Conjugates	Unconjugated
Target Name	ASPSCR1
Other Names	ASPL; RCC17; TUG; UBXD9; UBXN9
Accession No.	Swiss-Prot: Q9BZE9NCBI Protein: NP_076988.1
Concentration	1.0mg/ml
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	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 70-75kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HL60 cells using ASPSCR1 Antibody #21430.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.