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ASPSCR1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16506a

Product Information

Application	WB, E
Primary Accession	Q9BZE9
Other Accession	NP_076988.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35969
Calculated MW	60183
Antigen Region	65-93

Additional Information

Gene ID	79058
Other Names	Tether containing UBX domain for GLUT4, Alveolar soft part sarcoma chromosomal region candidate gene 1 protein, Alveolar soft part sarcoma locus, Renal papillary cell carcinoma protein 17, UBX domain-containing protein 9, ASPSCR1, ASPL, RCC17, TUG, UBXD9, UBXN9
Target/Specificity	This ASPSCR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-93 amino acids from the N-terminal region of human ASPSCR1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ASPSCR1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ASPSCR1
Synonyms	ASPL, RCC17, TUG, UBXD9, UBXN9

Function	Tethering protein that sequesters GLUT4-containing vesicles in the cytoplasm in the absence of insulin. Modulates the amount of GLUT4 that is available at the cell surface (By similarity). Enhances VCP methylation catalyzed by VCPKMT.
Cellular Location	Endomembrane system; Peripheral membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Peripheral membrane protein. Cytoplasm Nucleus
Tissue Location	Ubiquitous. Highly expressed in testis, heart, skeletal muscle and pancreas.

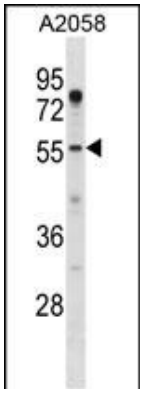
Background

This gene is a candidate gene for alveolar soft part sarcoma (ASPS). It has been found that this gene is fused with transcription factor TFE3 gene in ASPS and also in renal cell carcinomas. Several alternatively spliced transcript variants of this gene have been described, but their full length nature has not been determined.

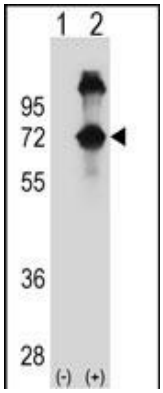
References

Ban, H.J., et al. BMC Genet. 11, 26 (2010) :
Alexandru, G., et al. Cell 134(5):804-816(2008)
Vistica, D.T., et al. J. Pediatr. Hematol. Oncol. 30(1):46-52(2008)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Bogan, J.S., et al. Nature 425(6959):727-733(2003)

Images



ASPSCR1 Antibody (N-term) (Cat. #AP16506a) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the ASPSCR1 antibody detected the ASPSCR1 protein (arrow).



Western blot analysis of ASPSCR1 (arrow) using rabbit polyclonal ASPSCR1 Antibody (N-term) (Cat. #AP16506a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ASPSCR1 gene.