

Product Name: KD-Validated ASPSCR1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01342

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 60.2kDa

Antigen Information

Gene Name	ASPSCR1 ASPSCR1; ASPSCR1 Tether For SLC2A4, UBX Domain Containing; UBXD9; UBXN9; ASPL; TUG; Tether Containing UBX Domain For GLUT4; ASPS; Alveolar Soft Part Sarcoma Chromosomal Region Candidate Gene 1 Protein; Alveolar Soft Part Sarcoma Chromosome Region, Candidate;
Alternative Names	ASPSCR1, UBX Domain Containing Tether For SLC2A4; Renal Papillary Cell Carcinoma Protein 17; Alveolar Soft Part Sarcoma Locus; UBX Domain-Containing Protein 9; UBX Domain Protein 9; RCC17; Renal Cell Carcinoma Gene On Chromosome 17; Renal Cell Carcinoma, Papillary, 17; ASPCR1
Gene ID	79058.0
SwissProt ID	Q9BZE9

Immunogen

A synthesized peptide derived from human TUG

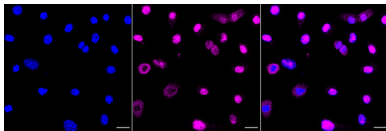
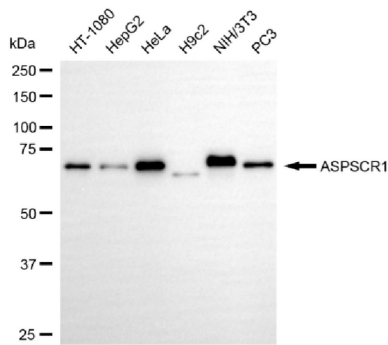
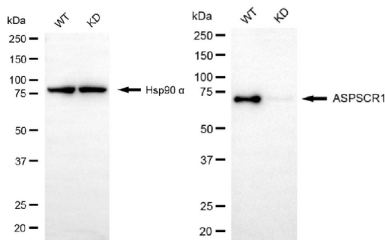
Background

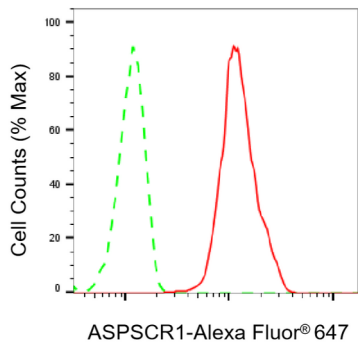
The protein encoded by this gene contains a UBX domain and interacts with glucose transporter type 4 (GLUT4). This protein is a tether, which sequesters the GLUT4 in intracellular vesicles in muscle and fat cells in the absence of insulin, and redistributes the GLUT4 to the plasma membrane within minutes of insulin stimulation. Translocation t(X;17)(p11;q25) of this gene with transcription factor TFE3 gene results in a ASPSCR1-TFE3 fusion protein in alveolar soft part sarcoma and in renal cell carcinomas. Multiple alternatively spliced transcript variants have been found. [provided by RefSeq, Oct 2011]

Research Area

Signal Transduction

Image Data





Flow cytometric analysis of ASPSCR1 expression in C2C12 cells using ASPSCR1 antibody (KVA01342, 1:2,000). Green, isotype control; red, ASPSCR1.