



ASPC1 mouse mAb

Catalog No	YP-mAb-11242
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ASPSCR1 ASPL RCC17 TUG UBXD9 UBXN9
Immunogen	Synthesized peptide derived from human ASPC1 AA range: 327-377
Specificity	This antibody detects endogenous levels of ASPC1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ASPC1;ASPSCR1 ASPL RCC17 TUG UBXD9 UBXN9
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endomembrane system ; Peripheral membrane protein . Endoplasmic reticulum-Golgi intermediate compartment membrane ; Peripheral membrane protein. Cytoplasm . Nucleus .
Tissue Specificity	Ubiquitous. Highly expressed in testis, heart, skeletal muscle and pancreas.
Function	disease:A chromosomal aberration involving ASPSCR1 may be a cause of papillary renal cell carcinoma (PRCC) [MIM:605074].,disease:Chromosomal aberrations involving ASPSCR1 are recurrent in alveolar soft part sarcoma (ASPS) [MIM:606243]. Translocation t(X;17)(p11;q25) with TFE3 forms a ASPSCR1-TFE3 fusion protein.,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.,similarity:Contains 1 UBX domain.,subunit:Interacts with GLUT4.,tissue specificity:Ubiquitous. Highly expressed in testis, heart, skeletal muscle and pancreas.,



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],

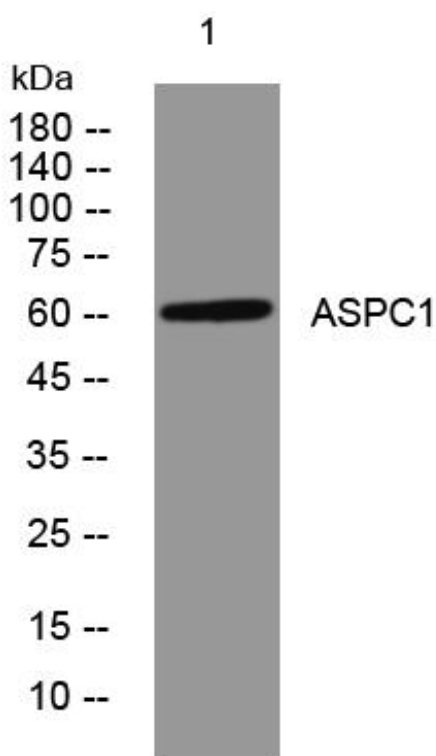
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ASPC1 mouse mAb