

ASPSCR1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:60kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human ASPSCR1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TUG; ASPL; ASPS; RCC17; UBXD9; UBXN9; ASPCR1;

Catalog #:A7481

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:79058

Isotype:IgG

Swiss Prot:Q9BZE9

Purity:Affinity purification

For research use only.

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.

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