ASPSCR1 Polyclonal Antibody

Catalog Number:E-AB-61736

Note: Centrifuge before opening to ensure complete recovery of vial contents.

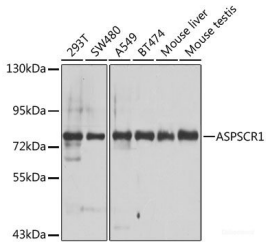
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human ASPSCR1 (NP_076988.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

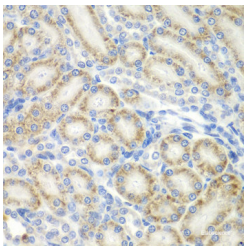
Applications Recommended Dilution

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

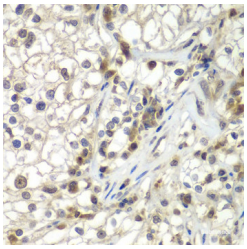
Data



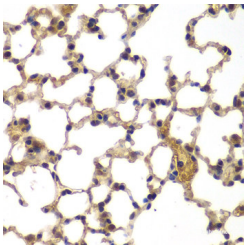
Western blot analysis of extracts of various cell lines using ASPSCR1 Polyclonal Antibody at dilution of 1:1000.
Observed Mw:80kDa
Calculated Mw:37kDa/54kDa/60kDa/69kDa



Immunohistochemistry of paraffin-embedded Rat kidney using ASPSCR1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human kidney cancer using ASPSCR1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse lung using ASPSCR1 Polyclonal Antibody at dilution of 1:100 (40x lens).

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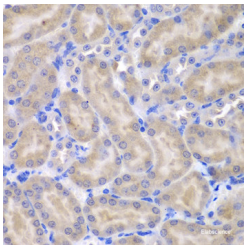
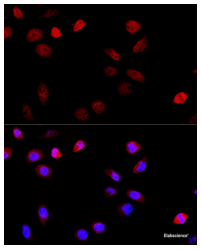


Immunohistochemistry of paraffin-embedded Mouse kidney using ASPSCR1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using ASPSCR1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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