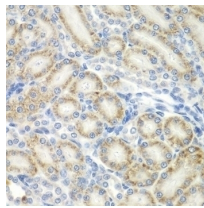
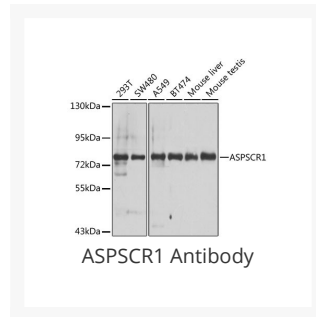


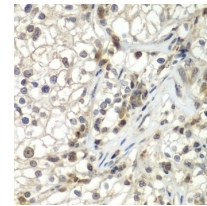


ASPSCR1 Antibody

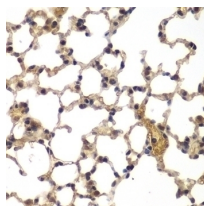
Cat. No.: 22-973



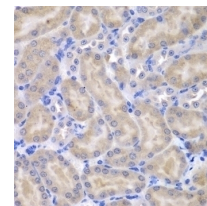
Immunohistochemistry of paraffin-embedded rat kidney using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens).



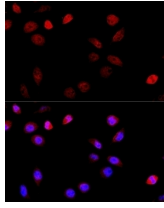
Immunohistochemistry of paraffin-embedded human kidney cancer using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens).



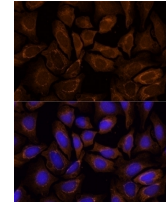
Immunohistochemistry of paraffin-embedded mouse lung using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens).



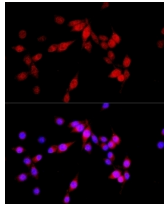
Immunohistochemistry of paraffin-embedded mouse kidney using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens).



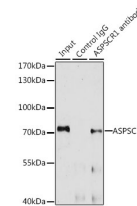
Immunofluorescence analysis of HeLa cells using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ASPSCR1 antibody (22-973) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of A-549 cells, using 3 ug ASPSCR1 antibody (22-973). Western blot was performed from the immunoprecipitate using ASPSCR1 antibody (22-973) at a dilution of 1:1000.

Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat
IMMUNOGEN:	Recombinant fusion protein containing a sequence corresponding to amino acids 284-553 of human ASPSCR1 (NP_076988.1).
TESTED APPLICATIONS:	IF, IHC, IP, WB
APPLICATIONS:	WB: ,1:500 - 1:2000 IHC: ,1:50 - 1:200 IF: ,1:50 - 1:200 IP: ,1:50 - 1:100
POSITIVE CONTROL:	1) 293T
	2) SW480
	3) A-549
	4) BT-474
	5) Mouse liver

	6) Mouse testis
PREDICTED MOLECULAR WEIGHT:	Observed: 80kDa

Ψ Properties

PURIFICATION:	Affinity purification
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
STORAGE CONDITIONS:	Store at -20°C. Avoid freeze / thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	ASPSR1
ALTERNATE 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
GENE ID:	79058
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

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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