

ASPSCR1 Rabbit Polyclonal Antibody

Catalog No: #55230

Package Size: #55230-1 50ul #55230-2 100ul



SAB[®]
Signalway Antibody

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

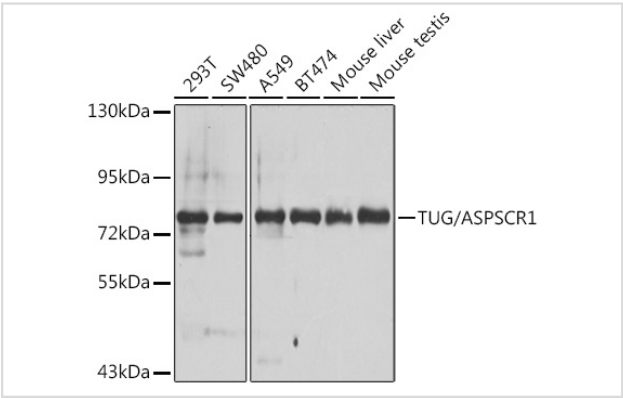
Description

Product Name	ASPSCR1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TUG/ASPSCR1 (NP_076988.1).
Conjugates	Unconjugated
Other Names	ASPSCR1;ASPCR1;ASPL;ASPS;RCC17;TUG;UBXD9;UBXN9
Accession No.	Uniprot:Q9BZE9GeneID:79058
Calculated MW	37kDa/54kDa/60kDa/69kDa
SDS-PAGE MW	80kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

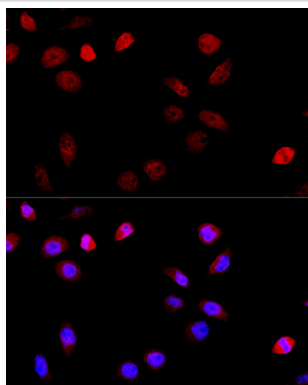
Application Details

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

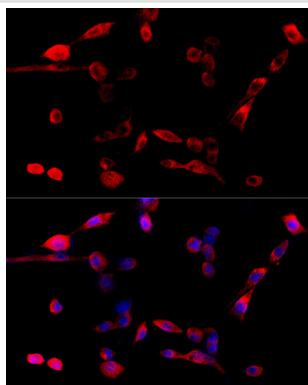
Images



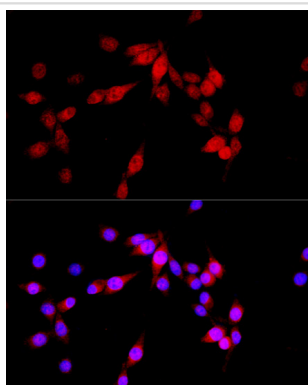
Western blot analysis of extracts of various cell lines, using TUG/ASPSCR1 antibody.



Immunofluorescence analysis of HeLa cells using TUG/ASPSCR1 antibody.



Immunofluorescence analysis of NIH/3T3 cells using TUG/ASPSCR1 antibody.



Immunofluorescence analysis of PC-12 cells using TUG/ASPSCR1 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.