STUB1 Rabbit mAb

Catalog No: #59818

Package Size: #59818-1 50ul #59818-2 100ul

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

Description

Product Name	STUB1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	STUB1 Antibody detects endogenous levels of total STUB1
Immunogen Description	A synthesized peptide derived from human STUB1
Other Names	STUB1; CHIP; HSPABP2; NY-CO-7; SDCCAG7; UBOX1;
Accession No.	Uniprot:Q9UNE7
Calculated MW	Predicted band size: 35 kDa
SDS-PAGE MW	Observed band size: 35 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

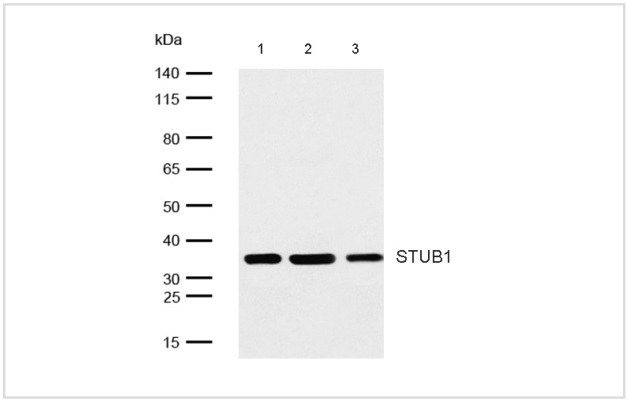
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



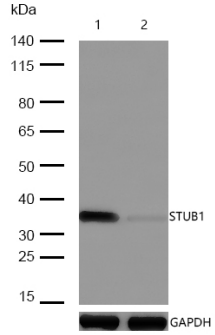
All lanes: STUB1 Rabbit mAb at 1/1k dilution

Lane 1 : 293 whole cell lysates Lane 2 : Mouse brain lysates
Lane 3 : Rat brain lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 35 kDa
Observed band size: 35 kDa

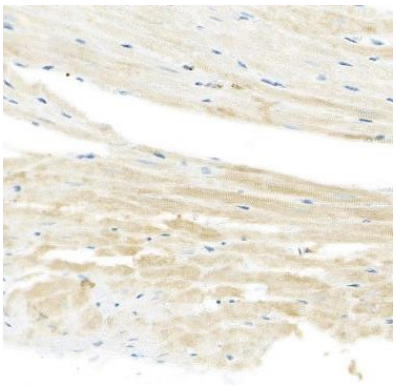
Exposure time: 6 seconds



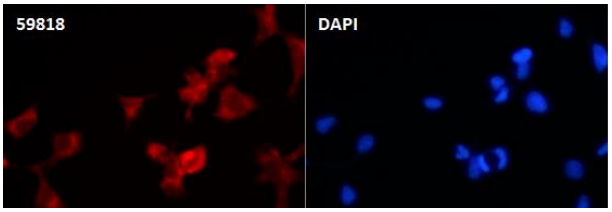
All lanes:STUB1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type A549 cell lysate
Lane 2 :STUB1 Rabbit mAb knockdown A549 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded rat heart tissue stained for STUB1 using 59818 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence STUB1 antibody (59818) ICC/IF staining of STUB1 in 293T cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 59818 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Background

E3 ubiquitin-protein ligase which targets misfolded chaperone substrates towards proteasomal degradation. Ubiquitinates NOS1 in concert with Hsp70 and Hsp40. Modulates the activity of several chaperone complexes, including Hsp70, Hsc70 and Hsp90.

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