SQSTM1 / P62 antibody [GT1478]

Cat. No. GTX629890

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-Fr, FCM
Reactivity	Human, Mouse

References (12)

Review (9)

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-Fr	1:100-1:1000
FCM	Assay dependent

Note : Permeabilization : 0.1% saponin

Not tested in other applications.

Calculated MW	48 kDa. (Note)
Product Note	This antibody may not be suitable for mouse WB and ICC/IF assay, as its mouse reactivity is based on IHC-Fr testing.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human SQSTM1 / P62. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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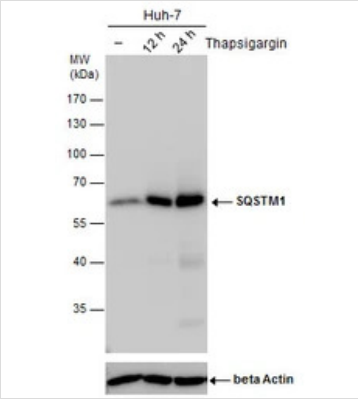
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Note

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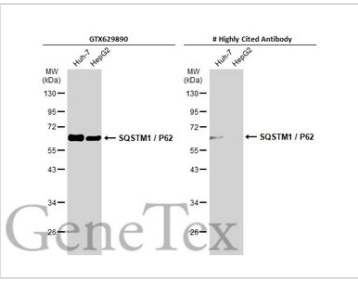
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DATA IMAGES



GTX629890 WB Image

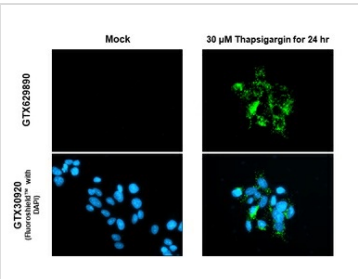
SQSTM1 antibody detects SQSTM1 protein by western blot analysis. Un-treated (-) and treated (+, Thapsigargin treatment for 12 hr and 24hr) Huh-7 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 antibody (GTX629890) diluted by 1:1000.
The ACTB was used as internal control (GTX110564, 1:50000) shown at the bottom panel.
The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX629890 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 / P62 antibody [GT1478] (GTX629890) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.



GTX629890 ICC/IF Image

SQSTM1 / P62 antibody [GT1478] detects SQSTM1 / P62 protein at cytoplasm by immunofluorescent analysis.
Sample: Mock and treated HepG2 cells were fixed in ice-cold MeOH for 5 min.
Green: SQSTM1 / P62 stained by SQSTM1 / P62 antibody [GT1478] (GTX629890) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Scale bar= 10µm.

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