

SQSTM1 Polyclonal Antibody

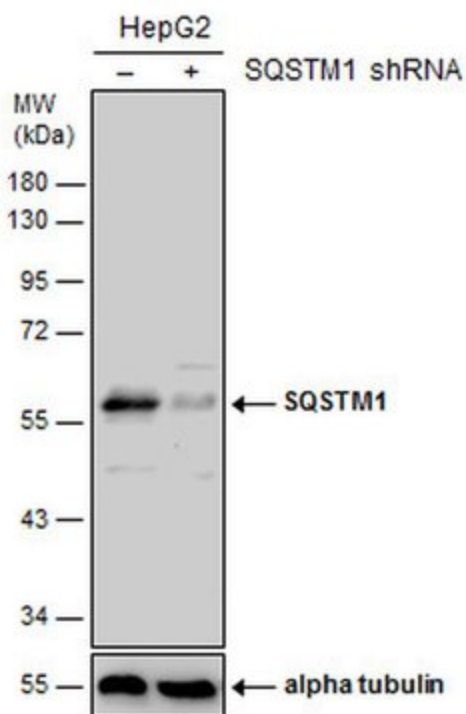
Product Details	
Size	100 µL
Species Reactivity	Bovine, Human, Insect, Mouse, Rat, Zebrafish
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 157 and 251 of Human SQSTM1
Form	Liquid
Concentration	0.67 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% Proclin 300
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544723

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:50-1:200	-
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-
Western Blot (WB)	1:500-1:3000	-

Product Specific Information

Recommended positive controls: A549, HepG2, HepG2 (3µM Thapsigargin treatment for 24 hr), Huh7, Huh7 (3µM Thapsigargin, 12hr), NIH-3T3, JC, BCL-1, PC-12, Rat2, HeLa. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

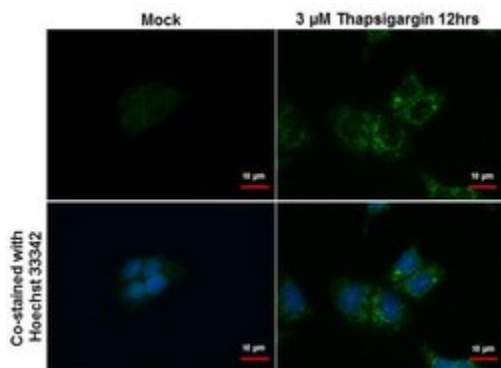
Advanced Verification Data



SQSTM1 Antibody (PA5-27247)

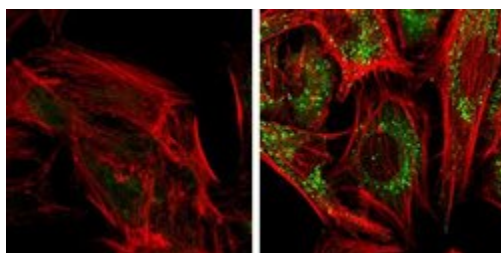
Altered expression of proteins upon cell treatment demonstrates antibody specificity. Immunofluorescence of SQSTM1 using Anti-SQSTM1 Rabbit Polyclonal Antibody (Product # PA5-27247), shows increased expression of SQSTM1 in HepG2 cells upon Thapsigargin treatment. Cell treatment validation info.

Product Images For SQSTM1 Polyclonal Antibody



SQSTM1 Antibody (PA5-27247) in IF

Immunofluorescent analysis of SQSTM1 showing staining in the autophagosome of HepG2 cells. HepG2 cells treated with 3 μ M thapsigargin 12 hrs (right) and mock (left) were fixed in ice-cold MeOH for 10 min, permeabilize with cooled acetone for 1 min and stained using a SQSTM1 polyclonal antibody (Product # PA5-27247) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



SQSTM1 Antibody (PA5-27247) in IF

Immunofluorescent analysis of SQSTM1 showing staining in the autophagosome of HeLa cells. HeLa cells mock (left) and treated with 50 μ M Chloroquine for 24 hr (right) were fixed in 4% paraformaldehyde at RT for 15 min and stained using a SQSTM1 polyclonal antibody (Product # PA5-27247) diluted at 1:1000. Red: Phalloidin, a F-actin marker.

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