

Anti-SQSTM1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

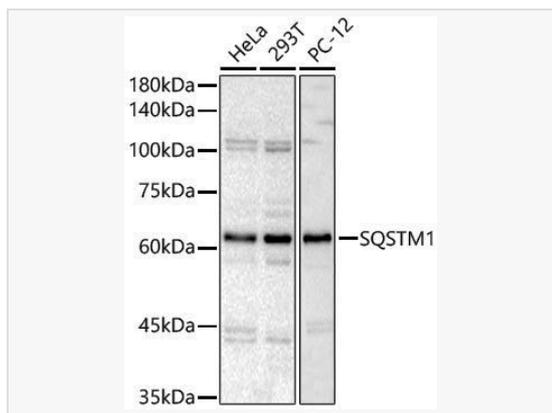
Catalog # P105135

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 250-350 of mouse SQSTM1 (NP_035148.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SQSTM1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Osi; p62; A170; STAP; OSF-6; STONE14; SQSTM1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 62 kDa
Uniprot ID	Q64337
Gene ID	18412
Background	Enables K63-linked polyubiquitin modification-dependent protein binding activity; identical protein binding activity; and ionotropic glutamate receptor binding activity. Involved in several processes, including brown fat cell proliferation; energy homeostasis; and positive regulation of long-term synaptic potentiation. Acts upstream of or within negative regulation of transcription by RNA polymerase II. Located in several cellular components, including aggresome; autolysosome; and sperm midpiece. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; limb; and sensory organ. Used to study Paget's disease of bone. Human ortholog(s) of this gene implicated in GNE myopathy; Paget's disease of bone; and frontotemporal dementia and/or amyotrophic lateral sclerosis-3. Orthologous to human SQSTM1 (sequestosome 1).



Western blot analysis of various lysates, using SQSTM1 Rabbit pAb (P105135) at 1:600 dilution.

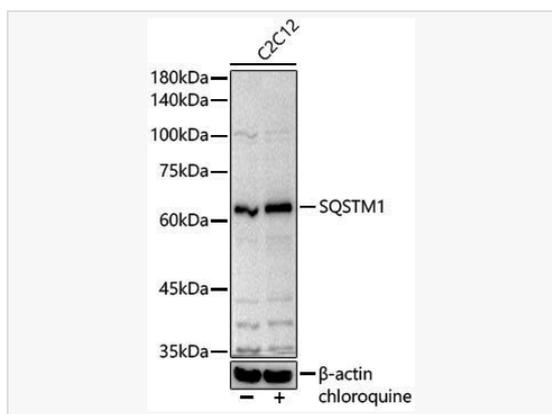
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 3s.



Western blot analysis of lysates from C2C12 cells, using SQSTM1 Rabbit pAb

(P105135) at 1:600 dilution. C2C12 cells were treated by Chloroquine (50 µM) at 37°C for 20 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 3s.