

## SQSTM1 / P62 antibody [HL1113]

Cat. No. GTX636328

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Reference ( 1 )

Package

100 µl, 25 µl

## APPLICATION

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 48 kDa. ( [Note](#) )

## PROPERTIES

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

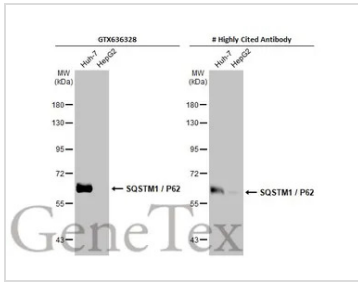
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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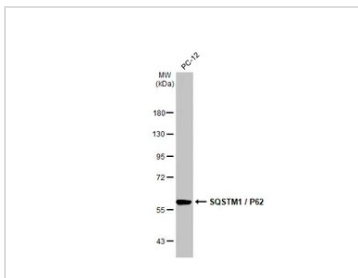


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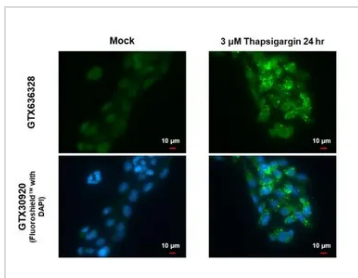
**DATA IMAGES**

**GTx636328 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with SQSTM1 / P62 antibody [HL1113] (GTx636328) diluted at 1:10000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

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


**GTx636328 WB Image**

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with SQSTM1 / P62 antibody [HL1113] (GTx636328) diluted at 1:30000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

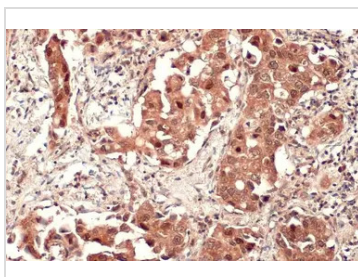

**GTx636328 ICC/IF Image**

SQSTM1 / P62 antibody [HL1113] detects SQSTM1 / P62 protein at autophagosome by immunofluorescent analysis.

Sample: HepG2 cells were fixed in ice-cold MeOH for 5 min.

Green: SQSTM1 / P62 stained by SQSTM1 / P62 antibody [HL1113] (GTx636328) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).

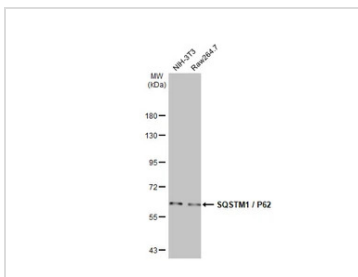

**GTx636328 IHC-P Image**

SQSTM1 / P62 antibody [HL1113] detects SQSTM1 / P62 protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded human lung cancer.

SQSTM1 / P62 stained by SQSTM1 / P62 antibody [HL1113] (GTx636328) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTx636328 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SQSTM1 / P62 antibody [HL1113] (GTx636328) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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