

Product Datasheet

p62/SQSTM1 Antibody - BSA Free NBP1-49955

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP1-49955

p62/SQSTM1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	47.7 kDa

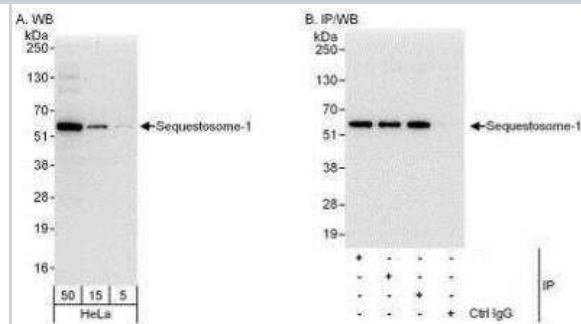
Product Description	
Host	Rabbit
Gene ID	8878
Gene Symbol	SQSTM1
Species	Human
Immunogen	The immunogen for this product maps to a region between residue 375 and 425 of human p62/SQSTM1 using the numbering given in entry NP_003891.1 (GeneID 8878).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:500 - 1:2000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

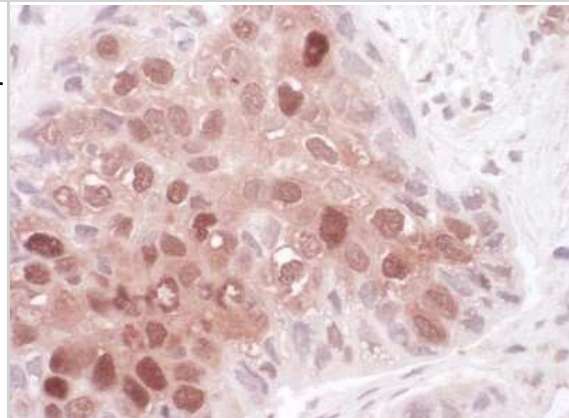


Images

Western Blot: p62/SQSTM1 Antibody [NBP1-49955] - Detection of Human Sequestosome-1 by Western Blot and Immunoprecipitation.
Samples: Whole cell lysate (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. **Antibodies:** Affinity purified rabbit anti-Sequestosome-1 antibody used for WB at 0.1 mcg/ml (A) and 0.4 mcg/ml (B) and used for IP at 3 mcg/mg lysate. Sequestosome-1 was also immunoprecipitated by rabbit anti-Sequestosome-1 antibodies which recognize other epitopes. For blotting immunoprecipitated Sequestosome-1 was used. **Detection:** Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



Immunohistochemistry-Paraffin: p62/SQSTM1 Antibody [NBP1-49955] - Section of human lung carcinoma. Antibody: Affinity purified rabbit anti-Sequestosome-1 used at a dilution of 1:1,000 (1ug/ml). **Detection:** Vector Laboratories ImmPACT NovaRED Peroxidase Substrate



Publications

Belmonte-Fernandez A, Herrero-Rulz J, Galindo-Moreno M et al. Cisplatin-induced cell death increases the degradation of the MRE11-RAD50-NBS1 complex through the autophagy/lysosomal pathway Cell death and differentiation 2022-12-08 [PMID: 36477079] (ICC/IF, Human)

Lin X, Liu X, Ma Y et al. Coherent apoptotic and autophagic activities involved in regression of chicken postovulatory follicles. Aging (Albany NY) 2018-04-29 [PMID: 29706614]



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Products Related to NBP1-49955

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-44490	Recombinant Human p62/SQSTM1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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