

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P62/SQSTM1



Numéro de catalogue: 55274-1-AP

Phare

24 Publications

Informations de base

Numéro de catalogue:

55274-1-AP

Taille:

150ul, Concentration: 433 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_003900

Identification du gène (NCBI):

8878

Nom complet:

sequestosome 1

MW calculé

48 kDa

MW observés:

60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HEK-293, cellules HepG2, cellules MCF-7

IHC : tissu de cancer du sein humain, tissu cardiaque humain, tissu cérébral de souris, tissu rénal de souris

IF : cellules HepG2, cellules U2OS

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

SQSTM1, also named as ORCA, OSIL, p60, EBIAP, A170, PDB3, ZIP3, p62 and p62B, is an adapter protein which binds ubiquitin and may regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1. It may play a role in titin/TTN downstream signaling in muscle cells. SQSTM1 may regulate signaling cascades through ubiquitination. It is an adapter that mediates the interaction between TRAF6 and CYLD. SQSTM1 may be involved in cell differentiation, apoptosis, immune response and regulation of K+ channels (PMID: 10356400). This antibody is specific to SQSTM1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xue Gao	33071778	Front Pharmacol	WB,IF
Lien Veys	34557068	Front Neurosci	IF
Yuan Cao	31731808	Nutrients	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

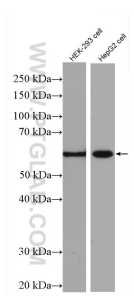
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

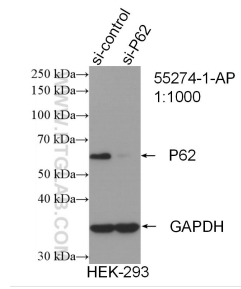
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

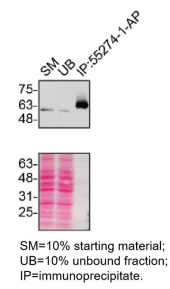
Données de validation sélectionnées



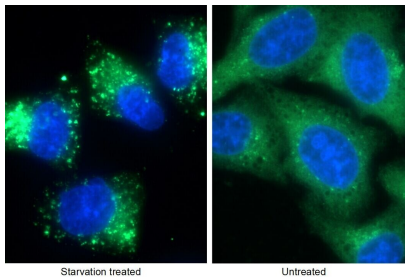
Various lysates were subjected to SDS PAGE followed by western blot with 55274-1-AP (P62/SQSTM1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



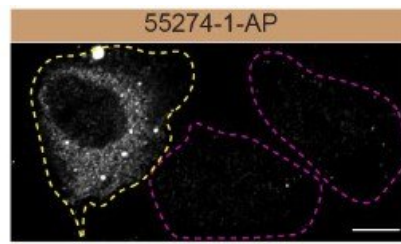
WB result of P62/SQSTM1 antibody (55274-1-AP; 1:1000); incubated at room temperature for 1.5 hours) with sh-Control and sh-P62/SQSTM1 transfected HEK-293 cells.



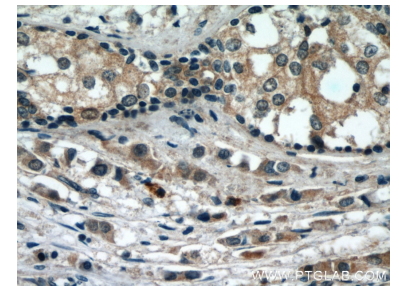
U2OS lysates prepared and IP of SQSTM1 performed using 1.0 µg of 55274-1-AP coupled to protein A- Sepharose beads. The Ponceau stained transfers of each blot are shown. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



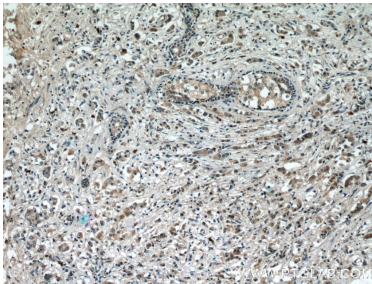
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 55274-1-AP (P62/SQSTM1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



U2OS WT cells (yellow outline) and SQSTM1 KO cells (red outline) labelled with a green or a far-red fluorescence dye, respectively. Cells fixed with 4% PFA and stained with 55274-1-AP at 1:300. Bars = 10 µm. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 55274-1-AP (SQSTM1 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 55274-1-AP (SQSTM1 antibody) at dilution of 1:50 (under 10x lens).