

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-P62,SQSTM1



Numéro de catalogue:80294-1-RR

Phare

1 Publications

Informations de base

Numéro de catalogue:
80294-1-RR

Taille:
100ul , Concentration: 1000 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13131

Numéro d'acquisition GenBank:
BC017222

Identification du gène (NCBI):
8878

Nom complet:
sequestosome 1

MW calculé
48 kDa

MW observés:
62 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1D17

Dilutions recommandées:
WB 1:2000-1:10000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:250-1:1000

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Contrôles positifs:

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

IP : cellules HEK-293,

IHC : tissu de cancer du pancréas humain, tissu de cancer de l'estomac humain

IF : cellules HeLa traitées à la chloroquine,

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

Sequestosome 1 (SQSTM1/p62) is a multifunctional adaptor protein implicated in selective autophagy, cell signaling pathways, and tumorigenesis. p62 has been implicated in shuttling ubiquitinated and aggregated proteins for autophagic degradation. p62 is degraded during the autophagic process, which makes its intracellular level a marker for autophagy progression. p62 is at the cross-roads of several signaling pathways including Ras/ Raf/ MAPK and NFκB and plays important role in cancer. p62 is a component of inclusion bodies/ protein aggregates found in human diseases, including Huntington's disease, Alzheimer's disease, Parkinson's disease, and nephropathic cystinosis (PMID: 22074114, 22860231, 22714671).

Publications notables

Autrice	Pubmed ID	Journal	Application
Qiqi Cai	37507096	Toxicol In Vitro	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.

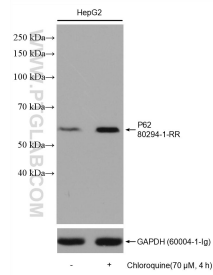
For technical support and original validation data for this product please contact:

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

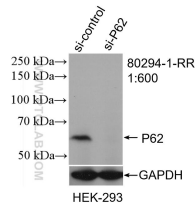
E: proteintech@ptglab.com
W: ptglab.com

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

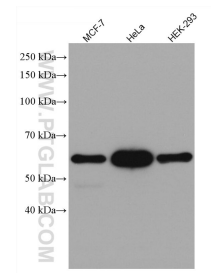
Données de validation sélectionnées



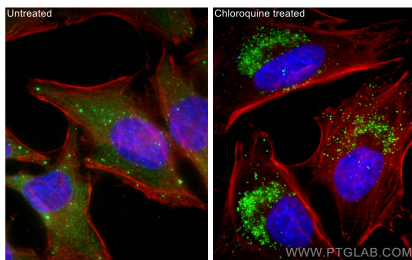
Lysates of HepG2 cells treated with Chloroquine or not were subjected to SDS PAGE followed by western blot with 80294-1-RR (P62,SQSTM1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



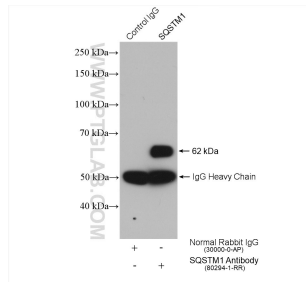
WB result of P62,SQSTM1 antibody (80294-1-RR; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-P62,SQSTM1 transfected HEK-293 cells.



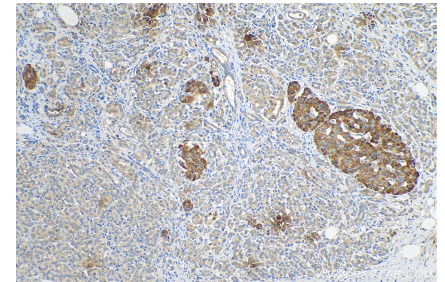
Various lysates were subjected to SDS PAGE followed by western blot with 80294-1-RR (P62,SQSTM1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



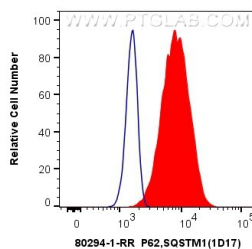
Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HeLa cells using P62,SQSTM1 antibody (80294-1-RR, Clone: 1D17) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP result of anti-P62,SQSTM1(IP:80294-1-RR, 4ug; Detection:80294-1-RR 1:500) with HEK-293 cells lysate 1640 ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 80294-1-RR (P62,SQSTM1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human P62,SQSTM1 (80294-1-RR, Clone:1D17) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).