For Research Use Only

P62/SQSTM1 Polyclonal antibody Catalog Number: 18420-1-AP Featured Product 1829 Publication

Featured Product 1829 Publications



<mark>ıffer pH 9.0;</mark> (*) Alte eval may be perform	n, zebrafish, sheep, gen retrieval wit	e 1 W: V: WB : HeLa cells, U-8 IP : HepG: IHC : hum human liv IF/ICC : C	a cells, U2OS cells, HEK-293 cells, HepG2 17 MG cells, Jurkat cells 2 cells, U2OS cells nan lung cancer tissue, human gliomas tissu ver cancer tissue	
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-IHC: suggested anti Iffer pH 9.0; (*) Alte val may be perform			IF/ICC : Chloroquine treated HepG2 cells, U2OS cel Chloroquine treated HeLa cells	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0				
ing pathways, and tumo tophagic degradation. p6 er for autophagy progress F × B and plays importan n diseases, including Hur osis (PMID: 22074114, 22 nding on the isoform), wi	rigenesis. p62 has be 2 is degraded during ion. p62 is at the cros t role in cancer. p62 i ntington's disease, Al 2860231, 22714671).	en implicated in sho the autophagic pro- ss-roads of several s s a component of in zheimer's disease, The molecular weig	uttling ubiquitinated and aggregated protei cess, which makes its intracellular level a signaling pathways including Ras/ Raf/ MAF clusion bodies/ protein aggregates found in Parkinson's disease, and nephropathic ght of p62 is predicted to be 48/ 38 kDa	
r	Pubmed ID	Journal	Application	
	36183753	Int J Biol Macrom		
	36178722	Environ Toxicol	WB,IF	
Zhu	36248959	Front Oncol	WB,IHC	
	ing pathways, and tumo tophagic degradation. p6 er for autophagy progress F x B and plays importan n diseases, including Hur osis (PMID: 22074114, 22	ing pathways, and tumorigenesis. p62 has be tophagic degradation. p62 is degraded during r for autophagy progression. p62 is at the cros F × B and plays important role in cancer. p62 i n diseases, including Huntington's disease, Al osis (PMID: 22074114, 22860231, 22714671). nding on the isoform), while western blot ana D-62 kDa, respectively. r Pubmed ID han He 36183753 36178722 Zhu 36248959	r Pubmed ID Journal han He 36183753 Int J Biol Macron 36178722 Environ Toxicol Zhu 36248959 Front Oncol	

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



WB result of P62,SQSTM1 antibody (18420-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-P62/SQSTM1 transfected HEK-293 cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells using P62,SQSTM1 antibody (18420-1-AP) at dilution of 1:1500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffinembedded human gliomas using 18420-1-AP (SQSTM1 antibody) at dilution of 1:50 (under 40x lens).



1X10^{^6} HEK-293 cells were intracellularly stained with 0.4 ug Anti-Human P62,SQSTM1 (18420-1-AP) 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).



IP result of anti-P62,SQSTM1 (IP:18420-1-AP, 4ug; Detection:18420-1-AP 1:6000) with HepG2 cells lysate 1360 ug.



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).







Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). WWW.PTGLAB.COM

Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HeLa cells using P62,SQSTM1 antibody (18420-1-AP) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), (CL594-Phalloidin, red).