For Research Use Only

SMAD1 Polyclonal antibody Catalog Number: 10429-1-AP Featured Product 29

Featured Product 29 Publications

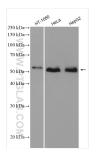


Size: Ga 150ul, Concentration: 850 ug/ml by Ga Nanodrop: Ut Source: Q Rabbit Fe Isotype: Si IgG Ga Immunogen Catalog Number: Si AG0701 O Species Specificity: Numan, mouse, rat Cited Applications: WB Species Specificity: Numan, mouse, rat Cited Species: Note-IHC: suggested antigen returned may be performed with buffer pH 9.0; (*) Alternativel retrieval may be performed with buffer pH 6.0 Background Information Transforming growth factor-β (TGF-β) sugmuttifunctional peptides exerting differ pH 6.0	PROT ID: 5797 LName: AD family member 1 culated MW: (Da served MW: (Da Pos WB hea IP : IHC IF/I eval with , antigen citrate erfamily is recognized a t biological effects on a ellular matrix formation axis for inflammatory of	Antigen affinity purification Recommended Dilutions: WB 1:1000-1:8000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:500-1:2000 IF/ICC 1:10-1:100 itive Controls: : HT-1080 cells, HEK-293 cells, HepG2 cells, mouse rt tissue, HeLa cells mouse heart tissue, : human colon tissue, rat liver tissue CC : HeLa cells, HepG2 cells
Nanodrop; U Source: Q Rabbit Fe Isotype: SN IgG Ca Immunogen Catalog Number: SZ AG0701 O Species Catalog Number: SZ AG0701 O Species Specificity: Numan, mouse, rat Cited Species: Numan, mouse, rat Cited Species: Numan, mouse, rat Cited Species: Numan, mouse, rat TE buffer pH 9.0; (*) Alternativel retrieval may be performed with buffer pH 6.0 Background Information Transforming growth factor-β (TGF-β) su multifunctional peptides exerting differ homone secretion, stimulation of extracell survival, bone formation, and chemmedulate TGF-β ligand activity is the SN a signal transducers of BMP signaling an Transcriptional modulator activated by Internet of the signal activity is the SN a signal transducers of BMP signaling an Transcriptional modulator activated by Internet of the signal activity of the SN a signal transducers of BMP signaling an Transcriptional modulator activated by Internet of the signal activity is the SN a signal transducers of BMP signaling an Transcriptional modulator activated by Internet of the signal activity is the SN and the signal activity is the SN and the signal activity is the SN a	PROT ID: 5797 LName: AD family member 1 culated MW: (Da served MW: (Da Pos WB hea IP : IHC IF/I eval with , antigen citrate erfamily is recognized a t biological effects on a ellular matrix formation axis for inflammatory of	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:500-1:2000 IF/ICC 1:10-1:100 itive Controls: : HT-1080 cells, HEK-293 cells, HepG2 cells, mouse rt tissue, HeLa cells mouse heart tissue, : human colon tissue, rat liver tissue CC : HeLa cells, HepG2 cells
Source: Q Rabbit FR Isotype: Si IgG G Immunogen Catalog Number: Si AG0701 G Species Catalog Number: Si AG0701 G Species Catalog Number: Si AG0701 G Species Catalog Number: Si Species Catalog Number: Si Species Catalog Number: Si Species Catalog Number: Si Species Specificity: Numan, mouse, rat Cited Species: Numan, mouse, rat Suffer pH 9.0; (*) Alternativel retrieval may be performed with buffer pH 9.0; (*) Alternativel retrieval may be performed with buffer pH 6.0 Background Information Transforming growth factor-β (TGF-β) su multifunctional peptides exerting differ homone secretion, stimulation of extracell survival, bone formation, and chemmer modulate TGF-β ligand activity is the SM a signal transducers of BMP signaling an Transcriptional modulator activated by I Notable Publications Autor	5797 L Name: AD family member 1 culated MW: (Da served MW: (Da Pos WB hea IP : IHC IF/I eval with , antigen citrate erfamily is recognized a t biological effects on a cillular matrix formation axis for inflammatory of	protein lysate IHC 1:500-1:2000 IF/ICC 1:10-1:100 itive Controls: : HT-1080 cells, HEK-293 cells, HepG2 cells, mouse rt tissue, HeLa cells mouse heart tissue, : human colon tissue, rat liver tissue CC : HeLa cells, HepG2 cells
Rabbit F. Isotype: SI IgG G. Immunogen Catalog Number: SZ AG0701 G. Species Catalog Number: SZ AG0701 G. Species Specificity: Numan, mouse, rat Cited Species: Numan, mouse, rat Cited Species: Numan, mouse, rat Differ pH 9.0; (*) Alternativel retrieval may be performed with buffer pH 6.0 Background Information Transforming growth factor-β (TGF-β) su multifunctional peptides exerting differ hormone secretion, stimulation of extra cell survival, bone formation, and cheme modulate TGF-β ligand activity is the SN a signal transducers of BMP signaling an Transcriptional modulator activated by I Notable Publications Autor	L Name: AD family member 1 culated MW: (Da served MW: (Da Pos WB hea IP : IHC IF/I eval with , antigen citrate erfamily is recognized a t biological effects on a cillular matrix formation axis for inflammatory of	itive Controls: : HT-1080 cells, HEK-293 cells, HepG2 cells, mouse rt tissue, HeLa cells mouse heart tissue, : human colon tissue, rat liver tissue CC : HeLa cells, HepG2 cells
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Notable Publications Author Pubm	nt biological effects on a ellular matrix formation axis for inflammatory c	s one of the largest families of secreted
	binds to several proteir	a large variety of cell types, such as regulation of , the inhibition of proliferation of many cell types, ells. One of the most important proteins that .D1 is one of the receptor-activated Smads. It's also ns involved in ubiquitin-proteasome system (UPS)
Xiangrong Cui 28083	d ID Journal	Application
	16 Mol Med R	
Xueni Wang 32879	93 Sci Rep	WB
Tianmiao Huang 34743	89 Biochim Bi	ophys Acta Gen Subj WB
Storage: Storage: Store at -20°C. Stable for one year after s Storage Buffer: PBS with 0.02% sodium azide and 50% g Alignminum state and 50% g	ycerol pH 7.3.	
*** 20ul sizes contain 0.1% BSA	;⊂	

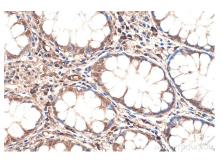
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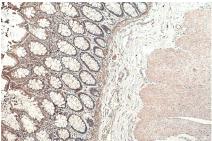
Selected Validation Data



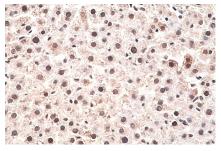
Various lysates were subjected to SDS PAGE followed by western blot with 10429-1-AP (SMAD1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human colon tissue slide using 10429-1-AP (SMAD1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



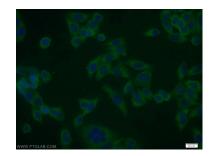
Immunohistochemical analysis of paraffinembedded human colon tissue slide using 10429-1-AP (SMAD1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



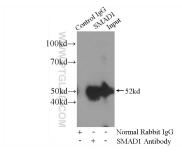
Immunohistochemical analysis of paraffinembedded rat liver tissue slide using 10429-1-AP (SMAD1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



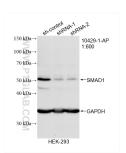
Immunohistochemical analysis of paraffinembedded rat liver tissue slide using 10429-1-AP (SMAD1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 10429-1-AP (SMAD1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-SMAD1 (IP:10429-1-AP, 4ug; Detection:10429-1-AP 1:500) with mouse heart tissue lysate 8000ug.



WB result of SMAD1 antibody (10429-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-SMAD1 transfected HEK-293 cells.