

For Research Use Only

SFRP4 Polyclonal antibody

Catalog Number: 15328-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number: 15328-1-AP	GenBank Accession Number: BC058911	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6424	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	Full Name: secreted frizzled-related protein 4	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG6909	Observed MW: 41-51 kDa, 55 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells
Cited Applications: IF, IHC, WB	IP : HeLa cells,
Species Specificity: human, rat	IHC : human breast cancer tissue, human skin cancer tissue, rat testis tissue
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRP4 functions as a suppressor of tumor growth via inhibition of the Wnt signaling pathway. Downregulation or deletion of SFRP4 has been reported in several cancers and cell lines such as endometrial cancer, ovarian cancer, lung cancer, and others. This antibody got 41-51 kDa and 55 kDa bands in western blotting maybe due to differential posttranslational protein modification.

Notable Publications

Author	Pubmed ID	Journal	Application
Elise Sandsmark	29079735	Sci Rep	IHC
Martin Mørck Mortensen	26522007	Sci Rep	IHC
Rujue Jin	35347304	Gene Ther	WB,IHC

Storage

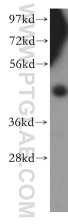
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

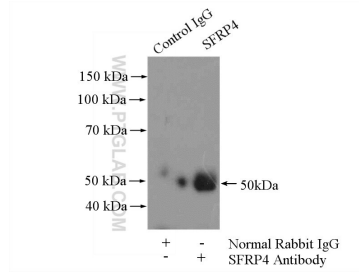
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

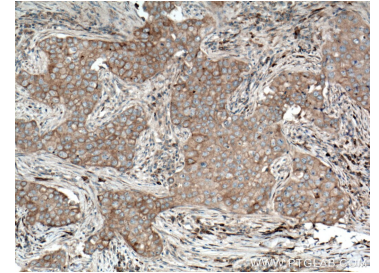
Selected Validation Data



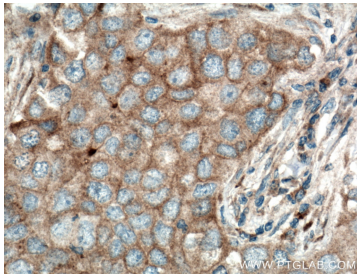
HEK-293 cells were subjected to SDS PAGE followed by western blot with 15328-1-AP (SFRP4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



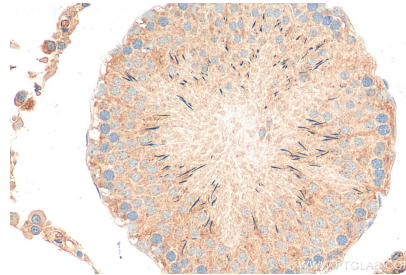
IP Result of anti-SFRP4 (IP:15328-1-AP, 4ug; Detection:15328-1-AP 1:500) with HeLa cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15328-1-AP (SFRP4 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15328-1-AP (SFRP4 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 15328-1-AP (SFRP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).