

For Research Use Only

RANGRF Polyclonal antibody

Catalog Number: 10552-1-AP **2 Publications**



Basic Information

Catalog Number: 10552-1-AP	GenBank Accession Number: BC006486	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 29098	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: RAN guanine nucleotide release factor	
Isotype: IgG	Calculated MW: 18 kDa	
Immunogen Catalog Number: AG0824	Observed MW: 18-22 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : SGC-7901 cells, HepG2 cells, mouse lung tissue, mouse testis tissue
Cited Applications: IHC	IHC : human colon cancer tissue,
Species Specificity: human, mouse	IF : HepG2 cells,
Cited Species: 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

RANGRF, also named as MOG1, RANGNRF, HSPC165, HSPC236 and MDS5, regulates the intracellular trafficking of RAN. In cardiac cells it regulates the cell surface localization of SCN5A.

Notable Publications

Author	Pubmed ID	Journal	Application
Gang Yu	35675436	Sci Transl Med	IHC
Meiling Jiang	37327621	Stem Cell Res	

Storage

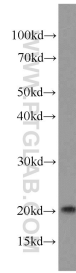
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

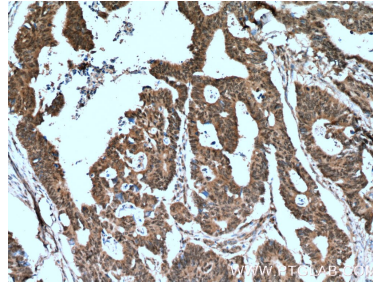
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

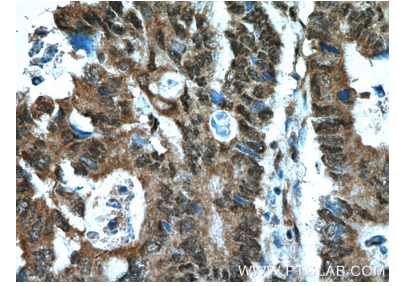
Selected Validation Data



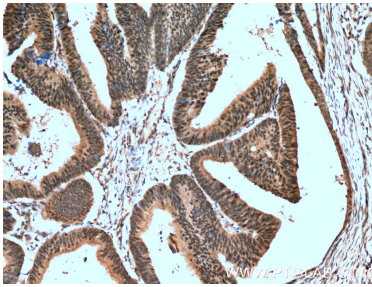
SGC-7901 cells were subjected to SDS PAGE followed by western blot with 10552-1-AP (RANGRF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



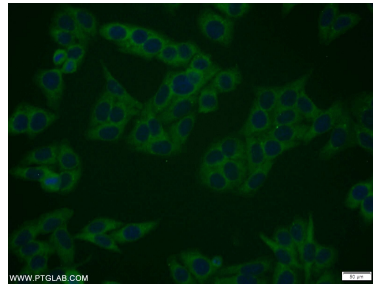
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10552-1-AP (RANGRF Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10552-1-AP (RANGRF 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 human colon cancer tissue slide using 10552-1-AP (RANGRF Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 10552-1-AP (RANGRF antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).