

For Research Use Only

RNF38 Polyclonal antibody

Catalog Number: 25132-1-AP **1 Publications**



Basic Information

Catalog Number: 25132-1-AP	GenBank Accession Number: BC033786	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 152006	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: ring finger protein 38	
Isotype: IgG	Calculated MW: 515 aa, 58 kDa	
Immunogen Catalog Number: AG16054	Observed MW: 43-58 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HepG2 cells,
Cited Applications: IHC, WB	IHC : human endometrial cancer tissue,
Species Specificity: human	IF : HepG2 cells,
Cited Species: human	

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

RING finger protein 38 is a protein that in humans is encoded by the RNF38 gene. This gene encodes a protein with a coiled-coil motif and a RING-H2 motif (C3H2C2) at its carboxy-terminus. The RING motif is a zinc-binding domain found in a large set of proteins playing roles in diverse cellular processes including oncogenesis, development, signal transduction, and apoptosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. RNF38 is widely expressed with highest levels in testis. RNF38 exists various isoforms and molecular weight of isoforms are 36, 48, 52 and 58 kDa

Notable Publications

Author	Pubmed ID	Journal	Application
Dian Xiong	29581762	J Cancer	WB, IHC

Storage

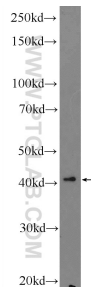
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

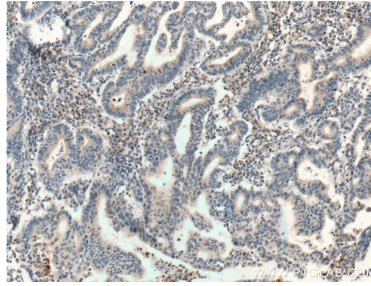
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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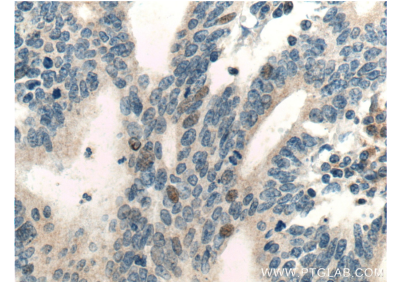
Selected Validation Data



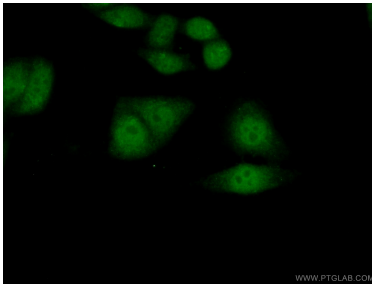
HepG2 cells were subjected to SDS PAGE followed by western blot with 25132-1-AP (RNF38 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 25132-1-AP (RNF38 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 endometrial cancer tissue slide using 25132-1-AP (RNF38 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 25132-1-AP (RNF38 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).