

For Research Use Only

ERGIC2 Polyclonal antibody

Catalog Number: 11927-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 11927-1-AP	GenBank Accession Number: BC000887	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 170 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51290	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Source: Rabbit	Full Name: ERGIC and golgi 2	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 377 aa, 43 kDa	IF 1:50-1:500
Immunogen Catalog Number: AG2603	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, MCF-7 cells
Species Specificity: human	IP : HepG2 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human prostate cancer tissue,
	IF : HepG2 cells,

Background Information

ERGIC2, also named as Endoplasmic reticulum-Golgi intermediate compartment protein 2 or PTX1, is a 377 amino acid protein, which belongs to the ERGIC family. ERGIC2 is ubiquitously expressed in many tissues. ERGIC2 localizes in the endoplasmic reticulum-Golgi intermediate compartment membrane and may play a role in transport between endoplasmic reticulum and Golgi. ERGIC2 is involved in protein transportation, and participated in the elongation factor 1 alpha regulated mechanisms.

Notable Publications

Author	Pubmed ID	Journal	Application
Kwok Simon C M SC	24303950	DNA Cell Biol	

Storage

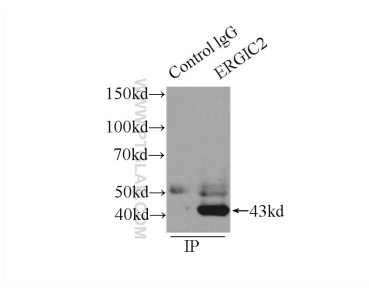
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

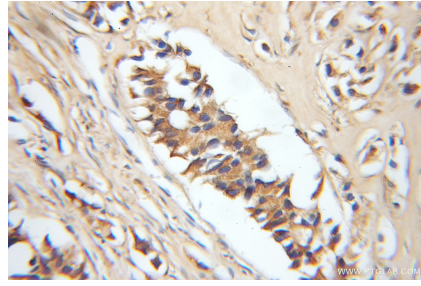
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

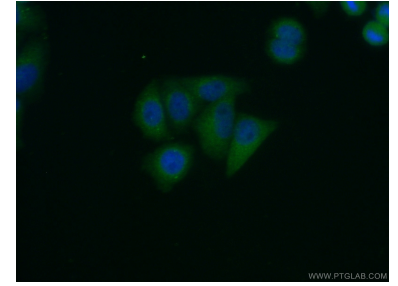
Selected Validation Data



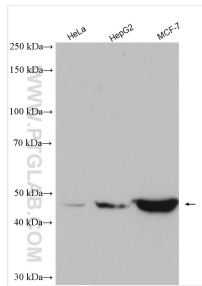
IP Result of anti-ERGIC2 (IP:11927-1-AP, 4ug; Detection:11927-1-AP 1:1000) with HepG2 cells lysate 2900ug.



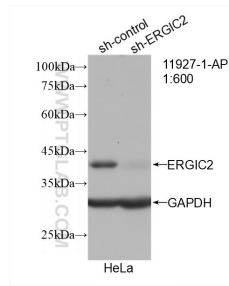
Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11927-1-AP (ERGIC2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 11927-1-AP (ERGIC2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 11927-1-AP (ERGIC2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of ERGIC2 antibody (11927-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-ERGIC2 transfected HeLa cells.