

For Research Use Only

ERGIC3 Polyclonal antibody

Catalog Number: 16029-1-AP **1 Publications**



Basic Information

Catalog Number: 16029-1-AP	GenBank Accession Number: BC009765	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51614	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: ERGIC and golgi 3	
Isotype: IgG	Calculated MW: 383 aa, 43 kDa	
Immunogen Catalog Number: AG8893	Observed MW: 50 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, K-562 cells, MCF-7 cells
Cited Applications: WB	IHC : mouse brain tissue,
Species Specificity: human, mouse, rat	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

The ERGIC3 protein was also over-expressed in lung cancer tissues and cultured cells, and expression of ERGIC3 was correlated with the differentiated degree and histological type of lung cancer (PMID: 23374247). The up-regulation of ERGIC3 could promote cellular migration and proliferation in vitro. ERGIC3 may play an active role in the development and progression of lung cancer (PMID: 23374247). The MW of this protein is 50 kDa, and this antibody specially recognises the 50 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Yaqin Deng	34793833	J Biol Chem	WB

Storage

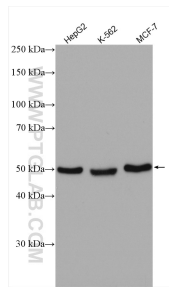
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

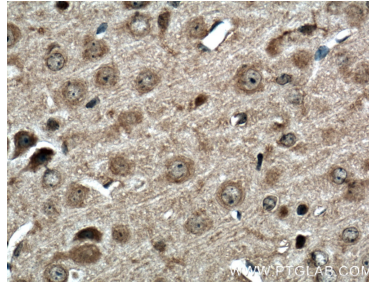
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

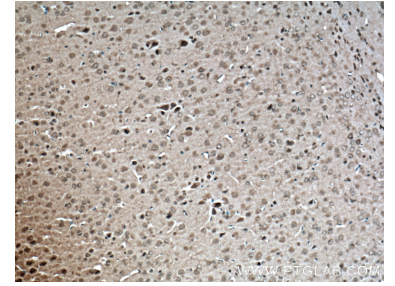
Selected Validation Data



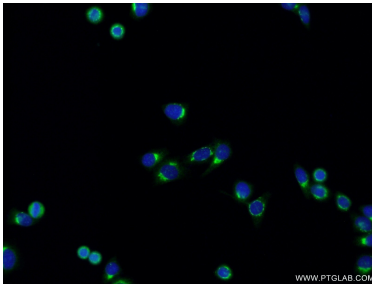
Various lysates were subjected to SDS PAGE followed by western blot with 16029-1-AP (ERGIC3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16029-1-AP (ERGIC3 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 mouse brain tissue slide using 16029-1-AP (ERGIC3 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 16029-1-AP (ERGIC3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).