

For Research Use Only

Ei24 Polyclonal antibody

Catalog Number: 20456-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 20456-1-AP	GenBank Accession Number: BC002390	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9538	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: etoposide induced 2.4 mRNA	
Isotype: IgG	Calculated MW: 340 aa, 39 kDa	
Immunogen Catalog Number: AG14169	Observed MW: 40-45 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : K-562 cells, HT-1080 cells, HeLa cells, L02 cells
Cited Applications: IF, IHC, WB	IHC : human colon cancer tissue,
Species Specificity: human	
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

Ei24 is an ER-localized protein originally identified as a p53-induced proapoptotic gene in etoposide-treated NIH3T3 cells. It has been shown to be able to bind to the antiapoptotic protein Bcl-2 (PMID: 15781622), play a role in autophagy (PMID: 23074225), and induce proliferate arrest/apoptosis (PMID: 10594026). Ei24 can bind specifically to IMPβ1 and IMPα2 to impede their normal role in nuclear import (PMID: 24821838).

Notable Publications

Author	Pubmed ID	Journal	Application
Yue Shi	34800978	BMC Cancer	WB
Fan Li	34801707	Int J Biochem Cell Biol	WB,IHC,IF
Wanli Yang	37086389	Expert Rev Mol Diagn	WB,IHC

Storage

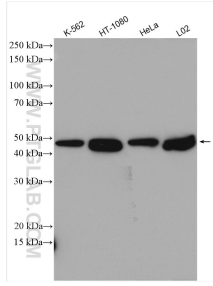
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

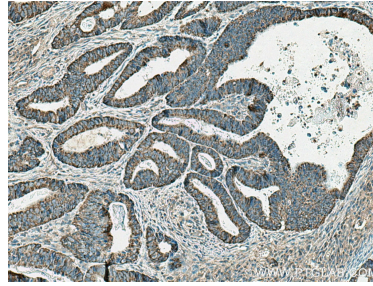
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20456-1-AP (E124 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 20456-1-AP (E124 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).