

For Research Use Only

Ei24 Polyclonal antibody

Catalog Number: 20456-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

20456-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14169

GenBank Accession Number:

BC002390

GeneID (NCBI):

9538

UNIPROT ID:

O14681

Full Name:

etoposide induced 2.4 mRNA

Calculated MW:

340 aa, 39 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

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

Positive Controls:

WB : K-562 cells, HT-1080 cells, HeLa cells, L02 cells

IHC : human colon cancer tissue,

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 IMP β 1 and IMP α 2 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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

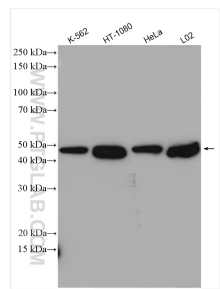
T: 4006900926

E: Proteintech-CN@ptglab.com

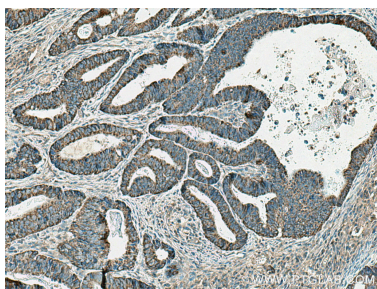
W: ptgcn.com

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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).