

For Research Use Only

ENY2 Polyclonal antibody

Catalog Number: 15778-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

15778-1-AP

Size:

150ul, Concentration: 340 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8462

GenBank Accession Number:

BC007870

GeneID (NCBI):

56943

UNIPROT ID:

Q9NPA8

Full Name:

enhancer of yellow 2 homolog (Drosophila)

Calculated MW:

12 kDa

Observed MW:

10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: PC-3 cells,

IHC: human breast cancer tissue,

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

ENY2, also named as DC6, is involved in mRNA export coupled transcription activation by association with both the TREX-2 and the SAGA complexes. Within the SAGA complex, participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B. The SAGA complex is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. It is required for nuclear receptor-mediated transactivation. The TREX-2 complex functions in docking export-competent ribonucleoprotein particles (mRNPs) to the nuclear entrance of the nuclear pore complex (nuclear basket). The MW of ENY2 is about 10 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
S Vijayalingam	26559831	J Virol	WB, IP

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

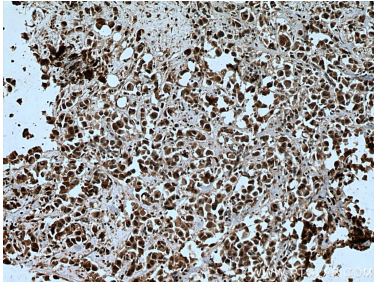
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

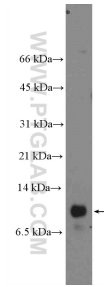
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15778-1-AP (ENY2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



PC-3 cells were subjected to SDS PAGE followed by western blot with 15778-1-AP (ENY2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.