

For Research Use Only

PTOV1 Polyclonal antibody, PBS Only

Catalog Number:16575-1-PBS



Basic Information

Catalog Number:

16575-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9859

GenBank Accession Number:

BC042921

GeneID (NCBI):

53635

UNIPROT ID:

Q86YD1

Full Name:

prostate tumor overexpressed 1

Calculated MW:

416 aa, 47 kDa

Observed MW:

58 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PTOV1 is a dual-domain adaptor and transcriptional co-regulator that promotes cell proliferation and oncogenic signaling through interactions with E2F1, RSK, and Mediator components. Shuttling between cytoplasm and nucleus, it integrates growth factor and differentiation pathways to balance proliferation and differentiation. Overexpressed in multiple cancers-most prominently prostate carcinoma-PTOV1 is linked to tumor progression, therapy resistance, and poor prognosis, positioning it as a potential biomarker and therapeutic target in epithelial malignancies. (PMID: 15713644)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

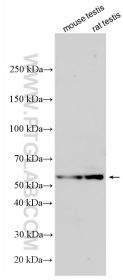
For technical support and original validation data for this product please contact:

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 16575-1-AP (PTOV1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16575-1-PBS in a different storage buffer formulation.