

For Research Use Only

ECOP Polyclonal antibody

Catalog Number: 12611-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

12611-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 540 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3225

GenBank Accession Number:

BC016650

GeneID (NCBI):

81552

UNIPROT ID:

Q96AW1

Full Name:

EGFR-coamplified and overexpressed protein

Calculated MW:

172 aa, 19 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, IP, IF, IHC

Species Specificity:

human, mouse

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 : Transfected HEK-293 cells,

IHC : human kidney tissue, mouse ovary tissue

Background Information

ECOP, also named as VOPP1 and GASP, has been previously shown to be over-expressed in human glioblastoma multiforme and squamous cell carcinoma. It interacts directly with cytoplasmic mediators of the NF kappa B pathway. ECOP has three isoforms with MW 18-19 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Florian Bonin	30285739	BMC Biol	WB,IHC,IF,IP
Yuqi Xin	37925175	Aging (Albany NY)	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

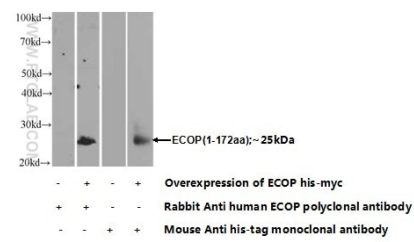
For technical support and original validation data for this product please contact:

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

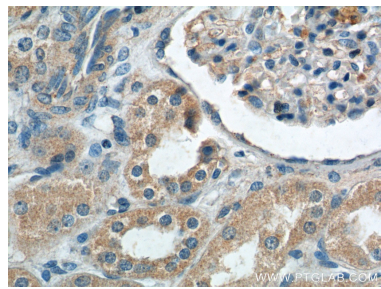
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 12611-1-AP (ECOP Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12611-1-AP (ECOP Antibody) at dilution of 1:200 (under 40x lens).