

For Research Use Only

ORAOV1 Polyclonal antibody

Catalog Number:32706-1-AP



Basic Information

Catalog Number:

32706-1-AP

Concentration:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38523

GenBank Accession Number:

NM_153451.2

GeneID (NCBI):

220064

UNIPROT ID:

Q8WV07

Full Name:

oral cancer overexpressed 1

Calculated MW:

15kDa, 137aa

Observed MW:

16 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human

Positive Controls:

IP: A431 cells,

Background Information

ORAOV1 (oral cancer overexpressed 1) is a candidate proto-oncogene that is frequently amplified and overexpressed in various human squamous cell carcinomas (SCCs), including oral, esophageal, and cervical cancers. In cervical cancer, silencing of ORAOV1 significantly inhibits the growth of HeLa cells by causing S-phase cell cycle arrest and activating apoptosis. Additionally, ORAOV1 is overexpressed in a variety of solid tumors and may promote tumor development by preventing ribosomal damage induced by reactive oxygen species (ROS). Therefore, ORAOV1 is not only an important tumor biomarker but also a potential therapeutic target for multiple cancers.

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:

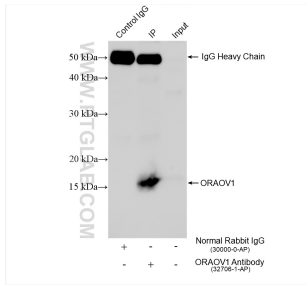
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



IP result of anti-ORAOV1 (IP:32706-1-AP, 4ug;
Detection:32706-1-AP 1:500) with A431 cells lysate
1120 ug.