

For Research Use Only

ORAOV1 Polyclonal antibody, PBS Only

Catalog Number:32706-1-PBS



Basic Information

Catalog Number:

32706-1-PBS

Size:

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

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

Applications

Tested Applications:

IP, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

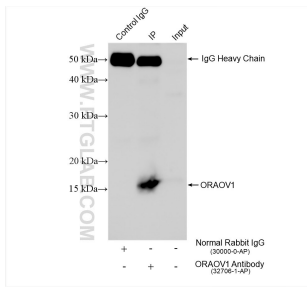
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 32706-1-PBS in a different storage buffer formulation.