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ORAOV1 Polyclonal Antibody
Catalog # AP71651

Specification

ORAOV1 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q8WV07
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

ORAOV1 Polyclonal Antibody - Additional Information

Gene ID 220064

Other Names
ORAOV1; TAOS1; Oral cancer-overexpressed protein 1; Tumor-amplified and overexpressed sequence 1

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

ORAOV1 Polyclonal Antibody - Protein Information

Name LTO1 {ECO:0000303|PubMed:23318452, ECO:0000312|HGNC:HGNC:17589}

Function
The complex LTO1:YAE1 functions as a target specific adapter that probably recruits apo-ABCE1 to the cytosolic iron-sulfur protein assembly (CIA) complex machinery (PubMed:26182403). May be required for biogenesis of the large ribosomal subunit and initiation of translation (PubMed:23318452). May play a role in the regulation of proline metabolism and ROS production (PubMed:24930674).

Cellular Location
Nucleus {ECO:0000250|UniProtKB:P53846}.

Tissue Location
Widely expressed. Highly expressed in placenta, kidney and skeletal muscle.

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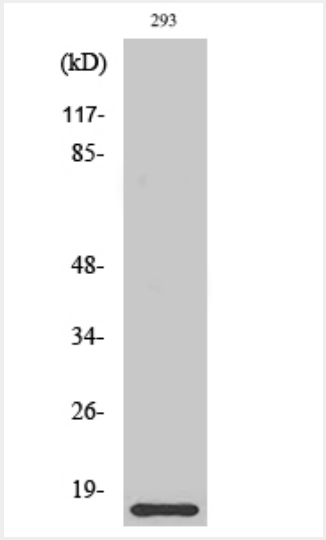
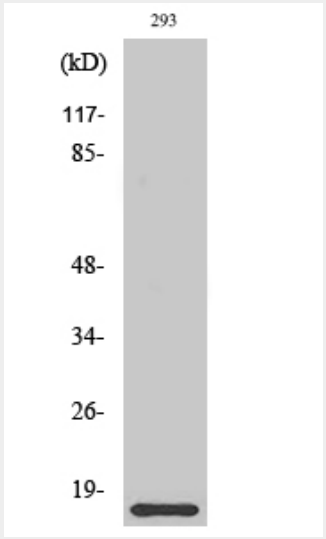
ORAOV1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ORAOV1 Polyclonal Antibody - Images





ORAOV1 Polyclonal Antibody - Background

The complex LTO1:YAE1 functions as a target specific adapter that probably recruits apo-ABCE1 to the cytosolic iron- sulfur protein assembly (CIA) complex machinery (PubMed:26182403). May be required for biogenesis of the large ribosomal subunit and initiation of translation (PubMed:23318452). May play a role in the regulation of proline metabolism and ROS production (PubMed:24930674).