

**ORAOV1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51409****Specification**

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**ORAOV1 Antibody - Product Information**

Application	<b>WB, ICC, IHC-P, E</b>
Primary Accession	<a href="#">O8WV07</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>15 KDa</b>

**ORAOV1 Antibody - Additional Information****Gene ID** 220064**Other Names**

Oral cancer-overexpressed protein 1, Tumor-amplified and overexpressed sequence 1, ORAOV1, TAOS1

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**ORAOV1 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:<a href="http://www.uniprot.org/citations/26182403" target="\_blank">26182403</a>). May be required for biogenesis of the large ribosomal subunit and initiation of translation (PubMed:<a href="http://www.uniprot.org/citations/23318452" target="\_blank">23318452</a>). May play a role in the regulation of proline metabolism and ROS production (PubMed:<a href="http://www.uniprot.org/citations/24930674" target="\_blank">24930674</a>).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:P53846}.

**Tissue Location**

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

## **ORAOV1 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 Cytometry](#)
- [Cell Culture](#)

## **ORAOV1 Antibody - Images**

## **ORAOV1 Antibody - References**

Huang X., et al. Proc. Natl. Acad. Sci. U.S.A. 99:11369-11374(2002).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Rigbolt K.T., et al. Sci. Signal. 4:RS3-RS3(2011).

Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).