

ORAOV1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS17261**Specification**

ORAOV1 Antibody (Internal) - Product Information

Application	IHC-P, IF, WB
Primary Accession	Q8WV07
Other Accession	220064
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15354

ORAOV1 Antibody (Internal) - Additional Information**Gene ID** 220064**Other Names**

ORAOV1, Oral cancer overexpressed 1, TAOS1

Target/Specificity

Recognizes endogenous levels of ORAOV1 protein.

Reconstitution & Storage

PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

ORAOV1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ORAOV1 Antibody (Internal) - 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}.

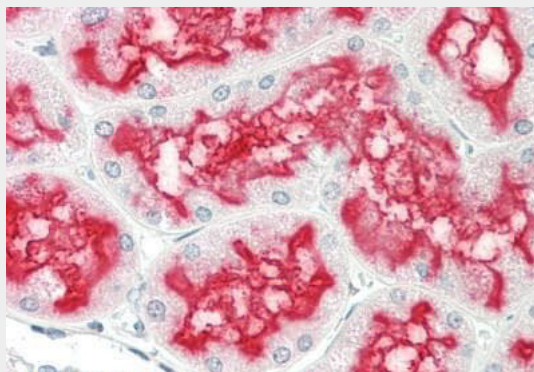
Tissue Location

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

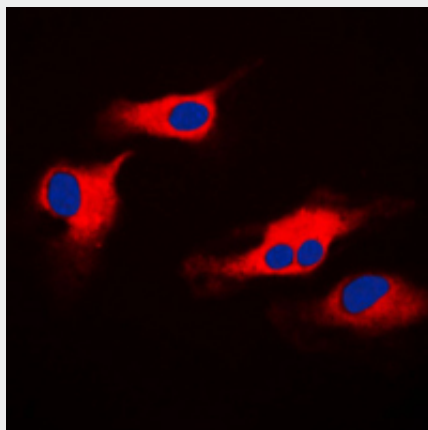
ORAOV1 Antibody (Internal) - Protocols

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

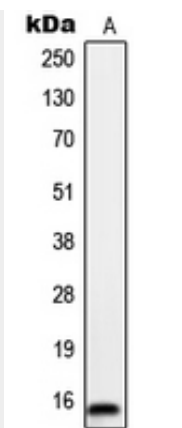
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ORAOV1 Antibody (Internal) - Images

Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescent analysis of ORAOV1 staining in HeLa cells.



Western blot analysis of ORAOV1 expression in HeLa (A) whole cell lysates.

ORAOV1 Antibody (Internal) - 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).