

ORAOV1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51409

Product Information

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

Additional Information

Gene ID	220064
Other Names	Oral cancer-overexpressed protein 1, Tumor-amplified and overexpressed sequence 1, ORAOV1, TAOS1
Dilution	WB~~1:1000 ICC~~N/A IHC-P~~N/A
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

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.

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).

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