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ORAOV1 Polyclonal Antibody

Catalog # AP71651

Product Information

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

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. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

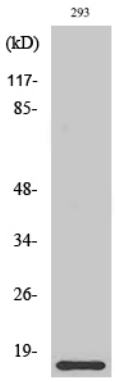
Name	LTO1 {ECO:0000303|PubMed:23318452, ECO:0000312|HGNC:HGNC:17589}
Function	The complex LTO1:YAE1 functions as a target specific adapter that probably recruits apo-ABCE1 to the cytosolic iron-sulfur protein assembly (CIA) complex machinery (PubMed:26182403). May be required for biogenesis of the large 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.

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).

Images



Western Blot analysis of various cells using ORAOV1 Polyclonal Antibody diluted at 1：2000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.