

Product datasheet for **TA358112**

ORC3L (ORC3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish Homology: Cow: 93%; Dog: 93%; Human: 100%; Mouse: 79%; Pig: 90%; Rabbit: 93%; Rat: 83%; Yeast: 90%; Zebrafish: 85%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	82kDa
Gene Name:	origin recognition complex subunit 3
Database Link:	NP_862820 Entrez Gene 23595 Human Q9UBD5-2



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Background:

The origin recognition complex (ORC) is a highly conserved six subunits protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. Studies of a similar gene in *Drosophila* suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene.

Synonyms:

LAT; LATHEO; ORC3L

Protein Pathways:

Cell cycle

Product images:

WB Suggested Anti-ORC3L Antibody

Titration: 1.0 ug/ml

Positive Control: HepG2 Whole Cell ORC3 is supported by BioGPS gene expression data to be expressed in HepG2