

**ORC3L / ORC3 Antibody (C-Terminus)**  
Goat Polyclonal Antibody  
Catalog # ALS15770**Specification**

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**ORC3L / ORC3 Antibody (C-Terminus) - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">O9UBD5</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Hamster, Monkey, Pig, Chicken, Horse, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	82kDa KDa

**ORC3L / ORC3 Antibody (C-Terminus) - Additional Information****Gene ID** 23595**Other Names**

Origin recognition complex subunit 3, Origin recognition complex subunit Latheo, ORC3, LATHEO, ORC3L

**Target/Specificity**

Human ORC3 / ORC3L. This antibody is expected to recognize both reported isoforms (NP\_862820.1 and NP\_036513.2).

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

ORC3L / ORC3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**ORC3L / ORC3 Antibody (C-Terminus) - Protein Information****Name** ORC3**Synonyms** LATHEO, ORC3L**Function**

Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K27me3 and H4K20me3.

**Cellular Location**

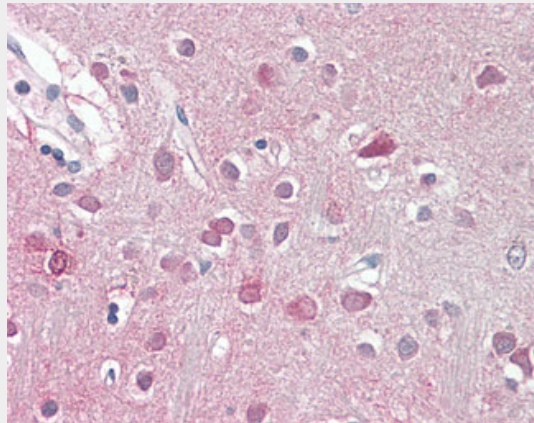
Nucleus. Chromosome

## ORC3L / ORC3 Antibody (C-Terminus) - 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](#)

## ORC3L / ORC3 Antibody (C-Terminus) - Images



Human Brain, Cortex



Antibody (2 ug/ml) staining of HeLa lysate (RIPA buffer, 1.4E5 cells per lane).

## ORC3L / ORC3 Antibody (C-Terminus) - Background

Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K27me3 and H4K20me3.

## ORC3L / ORC3 Antibody (C-Terminus) - References

Tugal T., et al. Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.  
Dean F.B., et al. Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.  
Pinto S., et al. Neuron 23:45-54(1999).

Wiemann S.,et al.Genome Res. 11:422-435(2001).

Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.