



## ORC3L Antibody

CATALOG NUMBER: 46-101



Western Blot (2ug/ml) staining of HeLa lysate (RIPA buffer, 1.4E5 cells per lane).  
Detected by western blot using chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 75kDa band observed in lysates of cell lines HepG2 and HeLa (calculated MW of 82.3kDa according to NP_862820.1 and NP_036513.2). Recommended concentration: 1-3ug/ml. An additional band of unknown identity was also consistently observed.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1201 - HeLa Cell Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognize both reported isoforms (NP_862820.1 and NP_036513.2).
<b>IMMUNOGEN:</b>	ORC3L antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of ORC3L.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	ORC3L antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	ORC3L antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	ORC3L, origin recognition complex, subunit 3-like (yeast), LAT, ORC3, LATHEO, IMAGE50150, subunit 3 (yeast homolog)-like, OTTHUMP00000040611, homolog of latheo, Drosophila, ORC3L
<b>ACCESSION NO.:</b>	NP_862820.1, NP_036513.2
<b>PROTEIN GI NO.:</b>	32483369

OFFICIAL SYMBOL: ORC3L

GENE ID: 23595

Background

REFERENCES: 1) Pinto S, Quintana DG, Smith P, Mihalek RM, Hou ZH, Boynton S, Jones CJ, Hendricks M, Velinzon K, Wohlschlegel JA, Austin RJ, Lane WS, Tully T, Dutta A. latheo encodes a subunit of the origin recognition complex and disrupts neuronal proliferation and adult olfactory memory when mutant. Neuron 1999 May;23(1):45-54

FOR RESEARCH USE ONLY

December 13, 2016