

Rabbit anti-Human ORC3L Polyclonal Antibody | anti-ORC3 antibody

ORC3L Antibody (N-term)

CATALOG # AAA290144	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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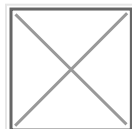
PRODUCT SYNONYMS

ORC3L; Polyclonal Antibody; ORC3L Antibody (N-term); Origin recognition complex subunit 3; Origin recognition complex subunit Latheo; ORC3; LATHEO; anti-ORC3 antibody

PRODUCT SPECIFICATIONS

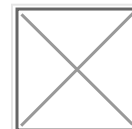
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ORC3L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human ORC3L.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	17-46
Sequence Length	568
Applicable Applications for anti-ORC3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ORC3L Antibody (N-term) (AAA290144) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung adenocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ORC3L Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

ORC3L Antibody (N-term) western blot analysis in SH-SY5Y cell line lysates (35ug/lane). This demonstrates the ORC3L antibody detected the ORC3L protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ORC3 antibody	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.
Product Categories/Family for anti-ORC3 antibody	Crown Antibodies
References	Enjuanes, A., et al. Cancer Res. 68(24):10178-10186(2008) DeRosse, P., et al. Schizophr Bull 34(6):1047-1053(2008) Siddiqui, K., et al. J. Biol. Chem. 282(44):32370-32383(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	308737003
NCBI GeneID	23595
NCBI Accession #	NP_001184188.1; NP_036513.2; NP_862820.1
NCBI GenBank Nucleotide #	NM_001197259.1
UniProt Accession #	Q9UBD5; Q13565; Q53GY6; Q5T159; Q6IUYY7; Q86TN5; Q9UG44; Q9UNT6; A2A2T5; B4E025
Molecular Weight	82254
NCBI Official Full Name	origin recognition complex subunit 3 isoform 3
NCBI Official Synonym Full Names	origin recognition complex, subunit 3
NCBI Official Symbol	ORC3
NCBI Official Synonym Symbols	LAT; ORC3L; LATHEO
NCBI Protein Information	origin recognition complex subunit 3
UniProt Protein Name	Origin recognition complex subunit 3
UniProt Gene Name	ORC3
UniProt Synonym Gene Names	LATHEO; ORC3L
UniProt Entry Name	ORC3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.