

Rabbit ORC3 Polyclonal Antibody | anti-ORC3 antibody

ORC3 Antibody

CATALOG # AAA267907	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS ELISA, Western Blot
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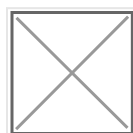
PRODUCT SYNONYMS

ORC3; Polyclonal Antibody; ORC3 Antibody; anti-ORC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ORC3 Polyclonal Antibody detects endogenous levels of protein
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form/Format	Liquid in PBS containing 50% glycerol and 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	568
Applicable Applications for anti-ORC3 antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from part region of human protein
Subcellular Location	Nucleus. Chromosome
Expression	Brain, Liver, Testis, Uterus
Preparation and Storage	Store at -15°C to -25°C for 1 year (Do not lower than -25°C)

IMAGES


WB (Western Blot)

Western blot analysis ORC3 using 293 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-ORC3 antibody	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. [provided by RefSeq, Jul 2008] Function: Component of the origin recognition complex (ORC) that binds origins of replication. It has a role in both chromosomal replication and mating type transcriptional silencing. Binds to the ARS consensus sequence (ACS) of origins of replication in an ATP-dependent manner. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR. Similarity: Belongs to the ORC3 family. Subunit: ORC is composed of six subunits.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308737003
NCBI GeneID	23595
NCBI Accession #	NP_001184188.1
NCBI GenBank Nucleotide #	NM_001197259.1
UniProt Accession #	Q9UBD5; Q13565; Q53GY6; Q5T159; Q6IU7; Q86TN5; Q9UG44; Q9UNT6; A2A2T5; B4E025
Molecular Weight	Observed Band(KD): 78kD
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

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.