

Immunotag™ ORC6 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0337
Product Description	Immunotag™ ORC6 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ORC6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	ORC6 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	ORC6 ORC6L
Accession No.	Q9Y5N6 Q9WUJ8

Antibody Specification

Description	origin recognition complex subunit 6(ORC6) Homo sapiens The origin recognition complex (ORC) is a highly conserved six subunit 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. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis. [provided by RefSeq, Oct 2010],
Cell Pathway/ Category	Cell_Cycle_G1S,Cell_Cycle_G2M_DNA,
Protein Expression	Cervix,Epithelium,Testis,Whole embryo,
Subcellular Localization	origin recognition complex,nucleus,nucleoplasm,nuclear origin of replication recognition complex,actin cytoskeleton,membrane,aggresome,
Protein Function	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 ORC6 family.,subunit:ORC is composed of six subunits. Interacts with DBF4.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.