

Datasheet for ABIN2786007

anti-ORC6 antibody (N-Term)





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Quantity:	100 μL
Target:	ORC6
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC6 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ORC6
Sequence:	KAEEYLRLSR VKCVGLSART TETSSAVMCL DLAASWMKCP LDRAYLIKLS
Predicted Reactivity:	Cow: 92%, Dog: 100%, Horse: 77%, Human: 100%, Rabbit: 85%
Characteristics:	This is a rabbit polyclonal antibody against ORC6. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	ORC6
Alternative Name:	ORC6 (ORC6 Products)
Alternative Name: Background:	ORC6 (ORC6 Products) 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. ORC6L is a subunit of the ORC complex. It has been shown that this protein and and ORC1L are loosely associated with the core complex consisting of ORC2L, -3L, -4L and -5L. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis.

Alias Symbols: ORC6L

Protein Interaction Partner: LHX4, SPAG5, UBC, ORC3, CDC7, ORC4, MCM7, MCM6, MCM4, MCM2, CDC6, APP, ORC2, SUMO2, XRCC5, XRCC6, HMGA1, MCM5, TERF2, ORC5, DBF4,

CDC45, RPA1, Protein Size: 252

23594

Molecular Weight: 28 kDa

NCBI Accession: NM_014321, NP_055136

UniProt: Q9Y5N6

Pathways: Mitotic G1-G1/S Phases, DNA Replication, M Phase, Synthesis of DNA

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

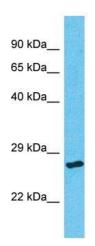
Gene ID:

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Host: Rabbit

Target Name: ORC6

Sample Tissue: Thyroid Tumor Lysate

Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: ORC6 Sample Type: Thyroid Tumor lysates Antibody Dilution: 1.0ug/ml