

Datasheet for ABIN2789793
anti-ORC5 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ORC5
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat, Cow, Pig, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	TRKLWRNIEP HLLKKAMQTVY LREISSSQWE KLQKDDTDPG QLKGIKRSIE
Predicted Reactivity:	Cow: 100%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ORC5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ORC5
Alternative Name:	ORC5 (ORC5 Products)
Background:	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

Target Details

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. Alternatively spliced transcript variants encoding distinct isoforms have been described.

Alias Symbols: ORC5, ORC5P, ORC5T

Protein Interaction Partner: NIF3L1, ORC4, ORC2, ORC1, NONO, MCM5, MCM3, MCM2, LAMB2, KRT18, CDC6, CDC5L, DMRTA1, SIPA1L2, UBQLN4, TXNDC11, PPP1CA, ORC3, STAB1, CALCOCO2, TAX1BP1, CDC45, CDC7, UBC, LRWD1, DGKA, UBD, tat, MCM7, ORC6, DBF4, RPA2, ORC5, MCM4,

Protein Size: 324

Molecular Weight: 37 kDa

Gene ID: 5001

NCBI Accession: [NM_181747](#), [NP_859531](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

Application Details

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

Comment: Antigen size: 324 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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 repeated freeze-thaw cycles.

Storage: -20 °C

Handling

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

