

Datasheet for ABIN7162273
anti-ORC4 antibody (AA 187-436)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | ORC4 |
| Binding Specificity: | AA 187-436 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ORC4 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Origin recognition complex subunit 4 protein (187-436AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Antigen Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | ORC4 |
| Alternative Name: | ORC4 (ORC4 Products) |
| Background: | Background: Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of |

Target Details

replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K27me3 and H4K20me3.

Aliases: cognition complex, subunit 4, *S. cerevisiae*, homolog of antibody, FLJ46668 antibody, HSORC4 antibody, ORC 4 antibody, ORC 4L antibody, ORC 4P antibody, ORC4 antibody, ORC4_HUMAN antibody, ORC4L antibody, ORC4L protein antibody, ORC4P antibody, Origin recognition complex subunit 4 (yeast homolog) like antibody, Origin recognition complex subunit 4 antibody, Origin recognition complex subunit 4 like (yeast) antibody, Origin recognition complex subunit 4 like antibody, origin recognition complex, subunit 4 homolog antibody, Origin recognition complex, subunit 4, *S. cerevisiae*, homolog-like antibody

UniProt: [O43929](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

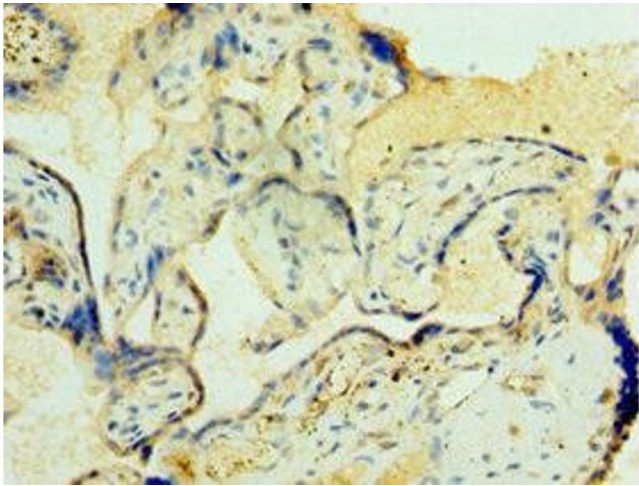
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

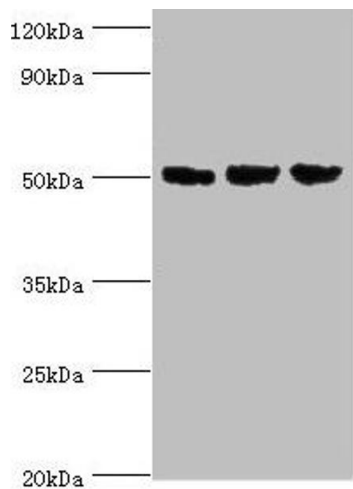
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7162273 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ORC4 antibody at 4 µg/mL
Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: A549 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 51, 41, 43 kDa Observed band size: 51 kDa