

Anti-ORC3 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P102539

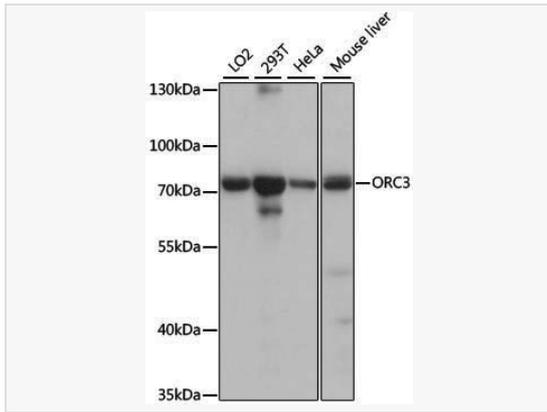
Product Information

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| Application | WB, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:200~1:2,000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human ORC3 (NP_036513.2). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-ORC3 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Synonyms | LAT; ORC3L; LATHEO; ORC3. |
| Calculated MW | Calculated MW: 82 kDa; Observed MW: 82 kDa |
| Uniprot ID | Q9UBD5 |
| Gene ID | 23595 |
| 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 <i>Drosophila</i> 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. |

Validation Images



Western blot analysis of various lysates using ORC3 Rabbit pAb (P102539) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 30s.