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Research Use Only. Not for diagnostic or therapeutic use.

EB05067 - Goat Anti-ORC4L Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ORC4L, origin recognition complex, subunit 4-like (yeast), Orc4p, HSORC4, origin recognition complex, subunit 4 (yeast homolog)-like, Origin recognition complex, subunit 4, S. cerevisiae, homolog-like, ORC4, ORC4P, origin recognition complex subunit 4, origin recognition complex, subunit 4 homolog

Official Symbol: ORC4L

Accession Number(s): NP_002543.2; NP_001177810.1; NP_001177811.1

Human GeneID(s): 5000

Non-Human GenelD(s): 26428 (mouse), 295596 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms (NP_002543.2; NP_001177810.1; NP_001177811.1). Reported variants represent identical protein: NP_002543.2, NP_001177808.1, NP_859526.1, NP_859525.1

Immunogen

Peptide with sequence C-DVRQWATSSLSWL, from the C Terminus of the protein sequence according to NP_002543.2; NP_001177810.1; NP_001177811.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

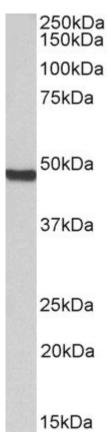
Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 48kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 50.4kDa according to Human NP_002543.2 Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on cell line NIH-3T3 and Mouse Heart for this particular batch.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB05067 (0.3 μ g/ml) staining of Jurkat nuclear lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.