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EB05067-B - Goat Anti-ORC4L, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: ORC4

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: XP_011509557.1, NP_002543.2, NP_001177808.1, NP_859526.1, NP_859525.1 Reported variants represent identical protein: XP_006712619.1, NP_001177810.1

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 Jurkat nuclear lysates (calculated MW of 50.4kDa according to NP_002543.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Chromatin immunoprecipitation: reported by a customer to work very well in ChIP.

Species Reactivity

Tested: Human, Mouse

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB05067 (0.1µg/ml) staining of Jurkat nuclear lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.