Goat anti-ORC4L Antibody

Item Number	dAP-0030
Target Molecule	Principle Name: ORC4L; Official Symbol: ORC4L; All Names and Symbols: ORC4L; origin recognition complex, subunit 4-like (yeast); Orc4p; HSORC4; HsORC4; origin recognition complex, subunit 4 (yeast homolog)-like; Origin recognition complex, subunit 4, S. cerevisiae, homolog-like; ORC4; ORC4P; origin recognition complex subun; Accession Number (s): NP_002543.2; NP_001177810.1; NP_001177811.1; Human Gene ID(s): 5000; Non-Human GeneID(s): 26428 (mouse) 295596 (rat)
Immunogen	DVRQWATSSLSWL, is from C Terminus 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,
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 48kDa band observed in nuclear lysates of cell line Jurkat. Approx 50kDa band observed in Mouse Heart lysates (calculated MW of 50.4kDa according to Human NP_002543.2 and of 50.0kDa according to Mouse NP_036088.3). Recommended concen
IHC	
Reference	Reference(s): Vashee S, Simancek P, Challberg MD, Kelly TJ. Assembly of the human origin recognition complex. J Biol Chem 2001 Jul 13;276(28):26666-73.PMID: 11323433->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only