

Goat anti-ORC3L Antibody

Item Number	dAP-0022
Target Molecule	Principle Name: ORC3L; Official Symbol: ORC3L; All Names and Symbols: ORC3L; origin recognition complex, subunit 3-like (yeast); LAT; ORC3; LATHEO; IMAGE50150; origin recognition complex, subunit 3 (yeast homolog)-like; OTTHUMP00000040611; homolog of latheo, Drosophila; RP3-486L4.1; origin recognition complex, subunit 3; Accession Number (s): NP_862820.1; NP_036513.2; Human Gene ID(s): 23595; Non-Human GeneID(s):
Immunogen	QKTDHVARLTWGGC, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_862820.1 and NP_036513.2).
Applications	Pep ELISA, WB, IHC Species Tested: Human
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; Reconstitute 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 32000.
Western Blot	Western Blot: Approx 75kDa band observed in lysates of cell lines HepG2 and HeLa (calculated MW of 82.3kDa according to NP_862820.1 and NP_036513.2). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Pinto S, Quintana DG, Smith P, Mihalek RM, Hou ZH, Boynton S, Jones CJ, Hendricks M, Velinzon K, Wohlschlegel JA, Austin RJ, Lane WS, Tully T, Dutta A. latheo encodes a subunit of the origin recognition complex and disrupts neuronal proliferation and adult olfactory memory when mutant. Neuron

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**