

#### **International Office**

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# EB05064 - Goat Anti-ORC3L Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** 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
Official Symbol: ORC3

Accession Number(s): NP\_862820.1; NP\_036513.2; NP\_001184188.1

Human GeneID(s): 23595

Important Comments: This antibody is expected to recognize reported isoforms

NP\_862820.1, NP\_036513.2 and NP\_001184188.1.

### **Immunogen**

Peptide with sequence QKTDHVARLTWGGC, from the C Terminus of the protein sequence according to NP\_862820.1; NP\_036513.2; NP\_001184188.1.

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 1:32000.

**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 at 35kDa. This band was successfully blocked by incubation with the immunising peptide.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

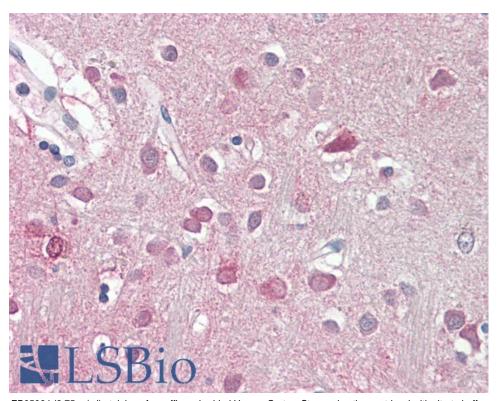
### **Species Reactivity**

Tested: Human

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



EB05064 (2µg/ml) staining of Hela lysate (RIPA buffer, 1.4E5 cells per lane). Detected by chemiluminescence.



EB05064 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.