

#### **International Office**

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# EB07869 - Goat Anti-ribosomal protein L8 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: ribosomal protein L8, 60S ribosomal protein L8, RPL8, L8

Official Symbol: RPL8

Accession Number(s): NP\_000964.1

Human GeneID(s): 6132

Non-Human GenelD(s): 26961 (mouse), 26962 (rat)

Important Comments: The reported variants represent identical protein (NP\_000964.1

and NP\_150644.1).

## **Immunogen**

Peptide with sequence KAGRAYHKYKAKRNC, from the internal region of the protein sequence according to NP\_000964.1.

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 1:128000.

Western blot: Approx 28-30kDa band observed in lysates of cell line HepG2 (calculated

MW of 28.0kDa according to NP\_000964.1 and NP\_150644.1). Recommended

concentration: 0.01-0.03 $\mu$ g/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Cerebral Cortex and Spleen. Recommended

concentration: 2.5µg/ml.

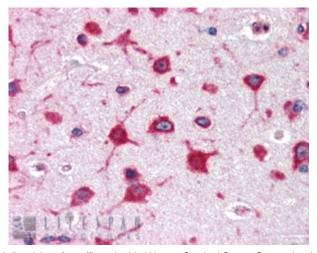
#### **Species Reactivity**

Tested: Human

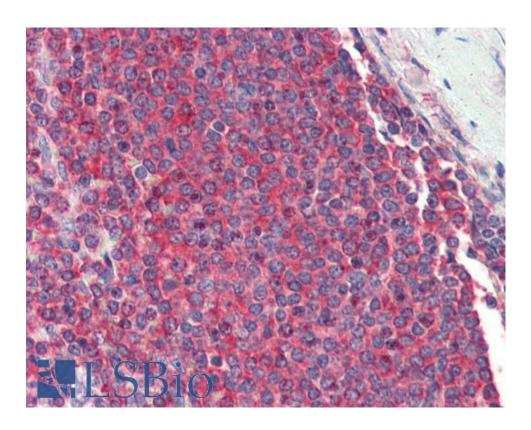
Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07869 (0.01 $\mu$ g/ml) staining of HepG2 cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07869 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07869 (2.5μg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.