

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07023 - Goat Anti-RPS19 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RPS19, ribosomal protein S19, HGNC:10402, DBA, 40S ribosomal

protein S19

Official Symbol: RPS19

Accession Number(s): NP_001013.1

Human GeneID(s): 6223

Immunogen

Peptide with sequence C-KMVEKDQDGGRK, from the internal region of the protein sequence according to NP_001013.1.

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 1:16000.

Western blot: Approx 16kDa band observed in lysate of cell line K562 (calculated MW of 16.1kDa according to NP_001013.1). Recommended concentration: 0.3-1 μ g/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cortex), Liver and Tonsil. Recommended concentration: 5µg/ml.

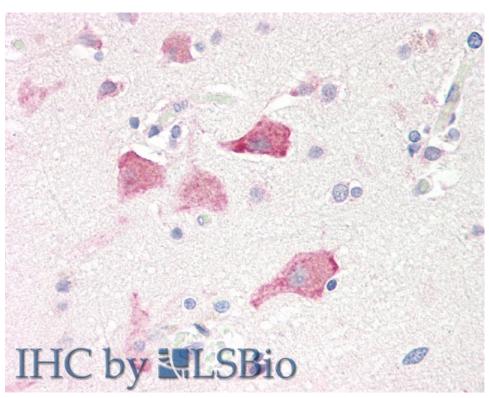
Species Reactivity

Tested: Human

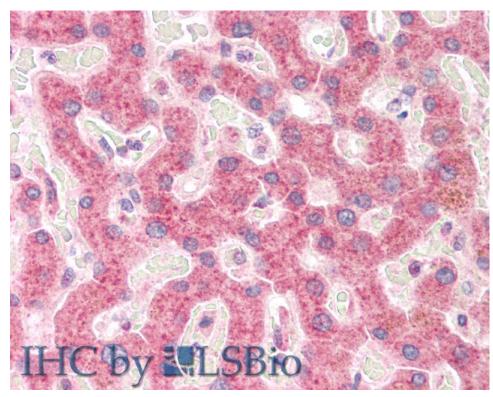
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

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

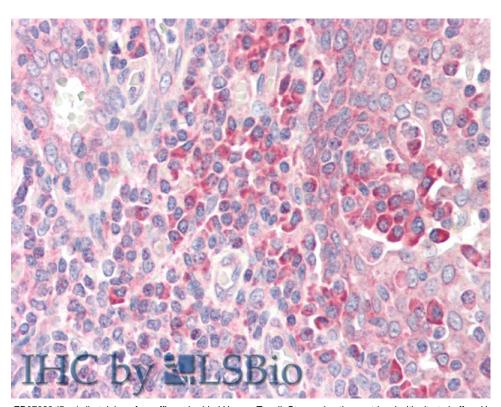
EB07023 (0.3 μ g/ml) staining of lysate of cell line K562 (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07023 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07023 ($5\mu g/ml$) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07023 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.