

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.

EB06776-B - Goat Anti-Parvalbumin, biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PVALB, parvalbumin, D22S749

Official Symbol: PVALB

Accession Number(s): NP_002845.1

Human GeneID(s): 5816

Important Comments: Reported variants represent identical protein: NP_002845.1,

NP_001302461.1

Immunogen

Peptide with sequence C-GVDEFSTLVAES., from the C Terminus of the protein sequence according to NP_002845.1.

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 12kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 12.1kDa according to NP_002845.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Rat



Biotinylated EB06776 (2μg/ml) staining of Human Cerebellum lysate (35μg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.