

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

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EB06474 - Goat Anti-PPAR delta (Isoform 1) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PPARD, FAAR, NUC1, NUCI, NR1C2, NUCII, PPARB, MGC3931, PPAR-beta, peroxisome proliferative activated receptor, delta, nuclear hormone receptor 1, peroxisome proliferator-activated receptor delta, OTTHUMP00000016256,

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Official Symbol: PPARD

Accession Number(s): NP_006229.1

Human GenelD(s): 5467

Important Comments: This antibody is expected to recognise isoform 1 (NP_006229) of PPAR delta, but not isoform 2, a shorter protein (NP_803184) with a different C-terminus.

Immunogen

Peptide with sequence CHPLLQEIYKDMY, from the C Terminus of the protein sequence according to NP_006229.1.

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 55kDa band observed in T cell line MOLT4 lysates (calculated MW of 49.9kDa according to NP_006229.1). Recommended concentration: 1-3μg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

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

Specific Reference

This antibody (previous batch) has been successfully used in Western blot on Rat:

Minamiyama Y, Takemura S, Kodai S, Shinkawa H, Tsukioka T, Ichikawa H, Naito Y, Yoshikawa T, Okada S

Iron restriction improves type 2 diabetes mellitus in Otsuka Long-Evans Tokushima fatty

Am J Physiol Endocrinol Metab. 2010 Jun; 298(6):E1140-9.

PMID: 20215574

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

EB06474 (0.3μg/ml) staining of MOLT4 lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.